

Bill 40

Early Testimony

MISC. COM. 538

From: CLK Council Info
Sent: Thursday, August 29, 2019 8:22 PM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name lynne matusow
Phone 8085314260
Email lynnehi@aol.com
Meeting Date 09-04-2019
Council/PH Committee Council
Agenda Item bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony i grew up with paper straws. there is nothing wrong with them. oftentimes we use straws when they are not necessary. i do not support the restaurant industry's objection to getting rid of the plastic straws. plastic is dangerous. I am in full support of this bill.

Testimony
Attachment
Accept Terms and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Friday, August 30, 2019 12:43 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name dymeek
Phone 8084983011
Email dymeek2@gmail.com
Meeting Date 07-28-2002
Council/PH Committee PublicSafety
Agenda Item bill 40
Your position on the matter Comment
Representing Self
Organization self
Do you wish to speak at the hearing? No

Written
Testimony

Dear members of the Honolulu City Council, just stop using plastic because people care about the environment and to make it better for the animals, and everyone else just stop using plastic. Chemicals in plastic which give them their rigidity or flexibility (flame retardants, biospheres, phosphates and other harmful chemicals) are oily poisons that repel water and stick to petroleum-based objects like plastic debris. So, the toxic chemicals that leach out of plastics can accumulate on other plastics.

Sincerely Dymeek London

Senior at Radford High School

Testimony
Attachment

Accept Terms and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Friday, August 30, 2019 12:43 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Brent crumb
Phone 5593624275
Email brecru46@radford.k12.hi.us
Meeting Date 08-29-2019
Council/PH Committee PublicSafety
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony

Dear Members of the Honolulu city Council,
A couple reasons i would like to ban plastic bags being distrupited threw out hawaii stores is because ive seen a lot of problems we have had with the environment and especially sea life it self get caught up in plastic bags bottles plastic rings and then growing with that around them leaves their body's disformed and its really sad seeing that all over the world.and just seeing how we treat the ocean like its are trash can and not giving too craps about how we are harming are environment is so depressing so i feel as if we pass this law to ban plastic and also polystyrene foam food containers would be an example not only to hawaii but to the entire world that we are as people trying to make a change to save not only sea life but are selves as well.

Sincerely,
Brent Crumb
Senior at Radford High school
130 Cocos pl
honolulu,hawaii 96818

Testimony Attachment

Accept Terms and Agreement 1

From: CLK Council Info
Sent: Friday, August 30, 2019 2:47 PM
Subject: Business, Economic Development and Tourism Speaker Registration/Testimony

Speaker Registration/Testimony

Name Greg Maples
Phone 615-293-1004
Email maplesg@polynesia.com
Meeting Date 09-11-2019
Council/PH Committee Business
Agenda Item Bill 40
Your position on the matter Oppose
Representing Organization
Organization Polynesian Cultural Center
Do you wish to speak at the hearing? No

Written
Testimony

I believe it is our responsibility be aggressive in our efforts to be sustainable and to eliminate those materials that cause profound harm to our oceans and to our land. Products like foam, plastics etc.

However, as a government it is also your responsibility to make sure that the people who live on this island can properly implement a plan. That plan should be thought out and should have input from the very people that it affects. We should look at a stair step approach to implementation of any ban on any product. We also need to look at the possibility that we don't have to eliminate everything all at once. Meaning, we can have a straw elimination timeline and a foam elimination time line. We should also look at giving incentives to those who do meet the elimination goals early. For example at Pounders restaurant (which is owned by the Polynesian Cultural center) has eliminated plastic straws we now use paper, plastic cutler, we now use compostable cutlery, eliminate all foam for to go boxes and replaced them with compostable to go boxes. Pounders has also been certified as an Ocean Friendly restaurant by the Surf Rider organization. The PCC is methodically working a plan to improvement these types of things through the entire center. We have to give small businesses the time and the plan to help them comply. I believe everyone understands the purpose and need for these laws being passed. What we really need is a thought out doable plan. If you don't do that you will have such a negative impact on our local businesses who are already loaded with so many other tax and regulations that make it so difficult to do business in Hawaii. Help us help the process by allowing us to be part of the solution.

Testimony
Attachment

Beach Environmental Awareness Campaign Hawai'i

P.O. Box 25284 · Honolulu · Hawai'i · 96825

(808) 393 2168 · www.b-e-a-c-h.org

DATE: 30th August, 2019

TO: Chair Ikaika Anderson, Vice-Chair Ann Kobayashi and Council Members

FROM: Suzanne Frazer, President, Beach Environmental Awareness Campaign Hawai'i

RE: **TESTIMONY IN SUPPORT OF BILL 40**

Relating to plastic

Council meeting on Wednesday 4th September, 2019 at 10AM

Aloha Chair Anderson, Vice-Chair Kobayashi and Council Members,

I am writing on behalf of Beach Environmental Awareness Campaign Hawai'i (B.E.A.C.H.) in support of Bill 40 which bans disposable plastic checkout bags, straws, stirrers and utensils.

B.E.A.C.H. has long sought a complete ban on all plastic checkout bags in order to save endangered and threatened marine species that die from ingestion of plastic bags. This ban is critical in order to save lives. There have been two major loopholes remaining unaddressed in previous laws banning plastic bags and we are glad to see in this bill one of those loopholes closed by banning plastic checkout bags for prepared food and bakery goods. These are the bags that we have found the most in surveys of trash at beach parks. The second major loophole remaining is the list of exemptions allowing for plastic checkout bags to be given out at places like farmers' markets for fruit and vegetables and for other items (please see attached photos). When a plastic t-shirt bag is torn off the bunch of bags, a small piece is left behind from every bag and these pieces of plastic bags end up scattered all over the ground and blowing around at the end of the market. Sea turtles do not eat whole plastic bags, they eat pieces of bags. Therefore when these bag pieces get into the ocean, they endanger marine animals such as turtles that eat them thinking it is food. In order to close this loophole, B.E.A.C.H. recommends ***amending the definition of a plastic checkout bag to: "Plastic checkout bag means a carryout bag with handles used for the purpose of transporting groceries or other goods" and deleting the list of exemptions (A to J).*** By adding "with handles" the definition then specifies that the bags that are being banned are plastic checkout bags with handles and not other plastic bags such as the clear, tear off bags on a roll, or bags for drycleaning. Also the definition states that carryout bags are given to customers for transporting groceries or other goods so this is clearly not referring to garbage bags. The public has long wanted to see a real plastic bag ban on O'ahu and with this bill and these amendments, along with Bill 59 starting next year, that can finally be achieved.

Plastic straws and stirrers are unnecessary and there are good alternatives available such as a spoon for stirring coffee or a wooden stick. There are bamboo, stainless steel and glass reusable straws available. In addition, paper straws are available again and now come in thicker versions. Plastic straws and stirrers are always among the top 10 most found items at beach parks on the south, north and west sides of O'ahu and they need to be banned.

Plastic utensils are also unnecessary. Many people are now getting in the habit of bringing their own bamboo or metal utensil sets with them which are the best alternatives to plastic. Compostable utensils are available which are plant-based and not made with fossil fuels or contain harmful chemicals. B.E.A.C.H. recommends *amending the definition of utensils to: "Utensils are disposable plastic utensils.." and delete the definition of single-use and replace it with a definition of disposable such as "Disposable means designed to be discarded after a single or limited number of uses and not specifically designed and manufactured for long term multiple re-use"*. Also please *amend the definition of plastic service ware such as: "Plastic service ware means disposable plastic straws, stirrers and utensils made with petrochemical derived plastic. This term also includes 'biodegradable' plastic. Exempt are straws, stirrers and utensils made from 100% compostable plant-derived bioplastic."* As the term "biodegradable" is often misused to include items that are only 1-2% biodegradable (with an additive) with the rest made with plastic from oil, "biodegradable" utensils and straws also need to be included in the ban.

Please *replace the words "single use plastic" throughout the bill with the words "disposable plastic"*. The reason for this is that "disposable" is a common term used on packaging labels to describe items such as utensils (they are not labelled "single-use"). Also plastic utensils are not "single-use". Although society seems to have become more wasteful in their behaviour these days, when I grew up, nobody wasted plastic utensils or cups - they were washed after an event and reused the next time.

Although this bill contains language related to polystyrene foam food containers, it does not ban them. Polystyrene used to contain chlorofluorocarbons (CFC's) but in 1988 the industry voluntarily stopped making polystyrene with CFC's. Therefore we ask that the section of the bill referring to *polystyrene foam be amended by removing language related to CFC's* (see Bill 71 Councilmember Pine). Also please **add a ban on the sale of polystyrene foam food and drink containers** (see the Maui ordinance) so that the packets of containers sold at places like Costco will also be banned. In addition, please **add drinks** where it says prepared food so that polystyrene foam cups for drinks will also be banned. Other needed amendments are **adding a definition of polystyrene foam and a comprehensive definition of a vendor** so as to include school cafeterias, non-profits, clubs, government agencies etc. and to include that it is not just about selling and buying but also includes when polystyrene foam containers and plastic checkout bags, utensils, straws and stirrers are given out or provided without charge.

The reason polystyrene foam food and drink containers need to be banned is because they are harmful to people's health and the environment.

Polystyrene is made from petroleum and contains benzene which is carcinogenic. It leaches a man-made chemical called styrene, a chemical that is made from benzene. Styrene, or vinylbenzene as it is also known as, is toxic to the brain and nervous system and has been found to adversely affect red blood cells, liver, kidney, stomach and cause cancer in animal studies. The National Toxicology Program lists styrene as "reasonably anticipated to be a human carcinogen".

Styrene is released especially when the container or cup is subjected to heat, so polystyrene foam containers and cups are a very bad choice for hot food and drinks. Oily and acidic foods and

drinks also facilitate the migration of styrene from the container into the food/drink. Styrene is found in the fatty tissues of humans. In a 1982 study by the EPA (the National Human Adipose Tissue Survey), 100% of Americans studied had styrene in their fatty tissues.

The chemicals leaching from polystyrene food and drink containers cause harm to people resulting in many different health problems. They turn on autoimmune diseases such as Hashimotos Thyroiditis and Lupus, they cause various cancers, diabetes and obesity.

Polystyrene food containers have also been shown to have estrogenic activity (EA) meaning that the chemicals from polystyrene act like a synthetic form of estrogen or block the action of naturally occurring estrogen in the body and therefore cause endocrine disruption. In humans, chemicals having EA can cause prostate and breast cancer and many reproductive health problems. Unborn children, babies and young children are especially sensitive to low doses of chemicals having EA. These days, babies are being born pre-contaminated with chemicals. The first born child receives 50% of the mother's chemical body burden putting them at risk for diseases. The harm that is being done with plastic chemicals has intergenerational consequences.

It's important to amend this bill to ban polystyrene foam containers for all the children especially who have no choice but to eat out of polystyrene foam at school and eat out of it when their parent's buy take-out dinner in polystyrene foam. These children are given no choice but to ingest toxic chemicals which are harmful to their brains, nervous system, immune system and disruptive to their endocrine system.

It is absolutely appalling that sick people in hospitals who are there to get better are being poisoned by food and drinks in polystyrene and that children in schools who are there to learn are ingesting chemicals with their food at lunch and for some, breakfast as well, when their hot food at school is served in polystyrene. There are even a number of children and teenagers who are eating out of polystyrene for breakfast, lunch and dinner because of eating take-out or because at home "no-one wants to wash the dishes" so parents get foam containers to put food in at home also. Children and their parents are being exposed to chemicals unknowingly. There are teenagers at 16 and 17 years old who are sent to a pre-military camps in Hawai'i for 6 months and have to eat out of polystyrene foam for all 3 meals a day for 6 months. These students were horrified to find out about the chemicals in polystyrene and what they are being subjected to on a daily basis.

In the polystyrene plastics industry, workers have been found to have higher incidences of cancer including leukemia and suffer from many adverse health effects from the inhalation of styrene. Styrene causes neurotoxicity and therefore affects people's nervous system and also impairs the immune system.

Plastic does not biodegrade, it just breaks into smaller and smaller pieces. **Plastic lasts forever.** When plastic gets into the ocean it accumulates additional poisons such as dioxins, DDT, DDE and other persistent organic pollutants (POPs). Styrofoam has been found inside of sea birds and fish. The ingestion of plastic not only causes blockages and starvation, but the animals and birds are harmed through the uptake of toxic chemicals such as styrene which leaches from the ingested plastic and accumulates in the fatty tissues of the animal. Then when people consume fish, they get those chemicals in their bodies. The smaller the plastic the more detrimental it is to human

health. Now scientists are finding that nano plastic particles can move through cell walls and affect organs of the body. Action needs to be taken to remove from use plastic items that are unnecessary. Every government around the world needs to be doing this urgently.

There are good, compostable alternatives to polystyrene foam available that are made from sugar cane and other vegetable fibres that do not contain benzene, styrene or petroleum. We also recommend that people bring their own containers made of glass, stainless steel or ceramic for food and drinks.

New jobs will be created by banning polystyrene foam through the need for distribution of alternatives such as 100% compostable cups and food containers, paper, metal and reusable containers made of glass, stainless steel and ceramic. There is a whole new market available to tap once polystyrene is gone.

The small additional cost of buying compostable containers will be passed onto the customer and the public is not concerned about paying around 25 cents more for food in a safe container rather than a toxic one. On Maui, restaurants testified that they are making a profit through charging for compostable alternatives. Once there is a law banning polystyrene foam, the costs of replacement products will go down as all the food providers will be using them.

People managed just fine before the early 1980's and late 1970's without plastic straws, plastic stirrers, plastic checkout bags, plastic utensils and polystyrene foam containers. If people could manage then without all this plastic, they can now.

Passing this bill with the suggested amendments above will make a big difference to people's health and the environment as the two of these are intertwined and one affects the other. What is good for the environment is good for our health and visa versa. Plastic is now being found in the water we drink, the air we all breathe and in food we eat. Please help protect human health by taking strong action to ban disposable polystyrene foam containers, plastic checkout bags, plastic straws, plastic utensils and plastic stirrers. Thank you!

Please accept this as written testimony in support of this bill.

Sincerely,



Suzanne Frazer.
President,
B.E.A.C.H.



Beach Environmental Awareness Campaign Hawaii is an all volunteer, non-profit organization that brings awareness and solutions to marine debris through environmental education, plastic reduction/litter prevention campaigns, and marine debris removal and research in order to protect marine life, sea birds and the ocean/coastal environment.



Plastic "t-shirt" checkout bags at a Mililani farmers' market 2017





Customer carrying several plastic checkout bags with purchases at a Mililani farmers' market 2017



Take-out food bags collected by B.E.A.C.H. volunteers at Ala Moana Beach Park, July 2018



Polystyrene foam food containers (above and below), forks, take-out food bag, straw, cups at Ala Moana Beach Park, July 2018





Polystyrene foam food containers (above) and plastic forks (below), Ala Moana Beach Park, July 2018





Plastic straws (above) collected by B.E.A.C.H. volunteers and take-out food bag (below) with plate and fork, Ala Moana Beach Park, July 2018



From: CLK Council Info
Sent: Saturday, August 31, 2019 7:24 AM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name Karen M Kimbrell
Phone 8082634221
Email karen.kimbrell@gmail.com
Meeting Date 09-04-2019
Council/PH Committee Council
Agenda Item 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony My name is Karen Margulies Kimbrell. I live in Kailua and grew up in Niu Valley. I support Bill 40 banning disposable plastic straws, stirrers, utensils and bags for takeout food. Please amend this bill to also ban "Styrofoam" containers, as well as plastic bags given out at such places as farmers' markets. Please change the wording in the bill from "single use plastic" to "disposable". Mahalo for helping the environment and public health; keeping plastic out of the ocean is so important for sea animal and human health.

Testimony Attachment
Accept Terms and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Sunday, September 01, 2019 11:30 AM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name Tabatha Knudson
Phone 8084291161
Email tknudson@hawaii.edu
Meeting Date 09-04-2019
Council/PH Committee Council
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Aloha honorable committee members,

My name is Tabatha Knudson, and I am currently a student at the University of Hawai'i at Manoa. I have spent my entire life on Oahu, growing up in Kalama Valley. I strongly support this bill in its entirety. It would be even better to see more single-use plastics mentioned in this bill to be phased out!

Written
Testimony

As a long-time surfer, my friends and I in the surf community have become increasingly concerned about plastic pollution in our oceans and on our beaches. While a lot of the plastics I see (especially on the east coast) are not necessarily directly from our islands, a large amount of the plastics I find on other parts of our island (including our mountains and streams) are directly from our consumption. Not only is the plastic unappealing to look at, but I also find myself to be concerned about the bacteria and chemicals that may grow or be released by them. In one of my courses at the university, I learned that the chemicals in plastic products are hydrophobic. They leak off of the plastic when in water over time, and the chemicals tend to collect on surface waters, contaminating our oceans and possibly ourselves. I have been able to enjoy being out in the water for the past 18 years while feeling relatively safe. However, with more studies coming out about the harmful effects of plastic pollution on our health (as well as other issues like sewage leaks), I am becoming less comfortable going to our beaches and going surfing, but I know that we are all at fault for that--plastic is everywhere!.

Either way, it would be amazing to have a policy in place that helps to reduce our plastic consumption.

As a consumer, I would be ecstatic to be able to spend my money in a city that does not have single-use plastics. The ocean-friendly restaurant program from the Surfrider Foundation is an amazing certification-type of a program that deems restaurants with specific sustainable practices as "ocean-friendly". I try my hardest to only spend my money at restaurants that are either ocean-friendly certified OR do not provide single-use plastics. Whenever my friends and I go out, we always make sure to bring our reusable utensil kits, containers, and cups in order to help these restaurants reduce their plastic usage. It's not like we find it to be troublesome either--we love to do it! I have friends who have stopped going to restaurants all together until they stop providing single-use plastic products, and spend their money at restaurants who are doing the right thing. Not only are my peers and I willing to bring our own reusable materials and pay the cost of sustainable alternatives, but we are also EXCITED to do so! Why would we spend our money to support an industry that is actually detrimental to our health? The answer is: we will not, and do not!

As taxpayers, my family and I are also concerned about the use of our money. If I am not wrong, there are different programs and jobs that pick up trash and waste (including single-use plastics and styrofoam), from storm drains, public areas, and other forms of infrastructure. If we could eventually eliminate single-use plastics with a phase-out plan, my tax dollars could be used on something more productive and empowering, like education. I would love to see single-use plastics phased out so that my tax dollars could be used in more productive programs and departments.

Overall, I strongly support this bill and hope to see it passed. I think that it will be highly beneficial to everyone, especially in the long run. If our city passes this bill, we will be responsible for a beautiful cultural shift towards sustainability, empowering our citizens to environmentally conscious and to make decisions that benefit our islands and world.

Thank you so much for taking the time to read this testimony, and I look forward to your decision.

Tabatha Knudson
'Oahu Resident

Testimony
Attachment
Accept Terms
and Agreement

1

IP: 192.168.200.67

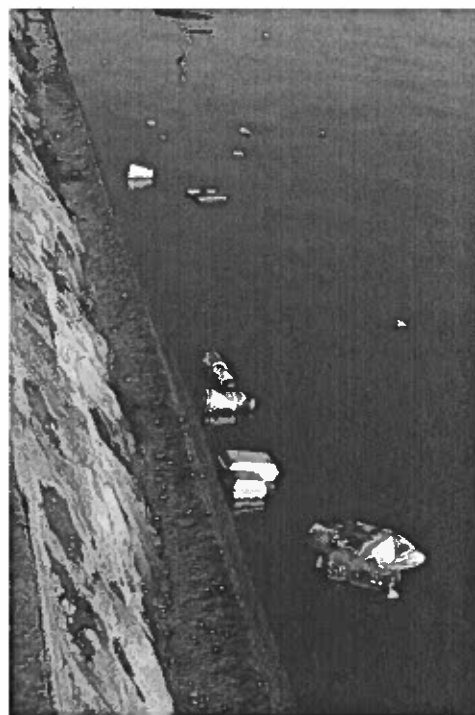
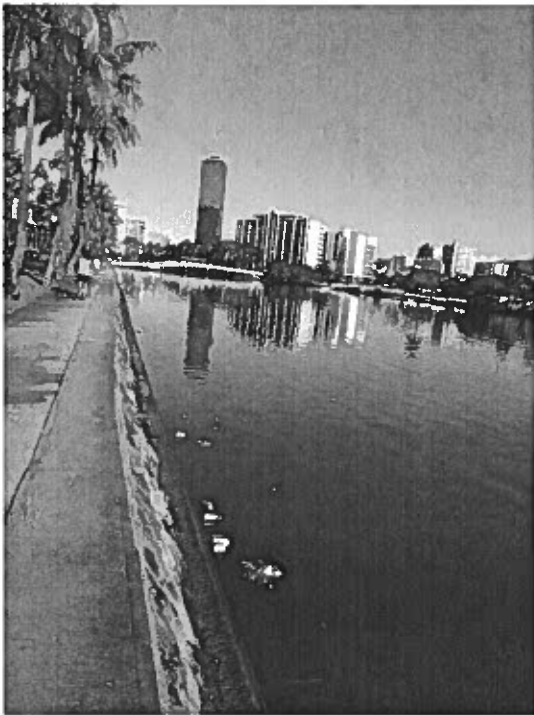
Mr. Kim Jorgensen
225 Kaiulani Ave #1604
Honolulu, HI 96815

September 2, 2019

Re: Bill 40 (2019)

Attn: Honolulu City Council

I strongly support Bill 40. Please look at a typical view and close-up of the Ala Wai Canal.



The amount of single-use polystyrene and plastic food service ware and bags floating in O'ahu's canals and waterfronts, laying on the ground in neighborhoods and along hiking trails, and flying around in the wind at beaches and parks is **staggering**.

The cumulative effect of years of ingesting chemicals leached into hot food after contact with polystyrene is **dangerous**.

Please support Bill 40. Let's join the other cities and states and countries that have enacted such bans to protect humans, marine and wildlife, and the environment.

Sincerely,
Kim Jorgensen

From: CLK Council Info
Sent: Monday, September 02, 2019 3:55 PM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name Suzan Danforth
Phone 8087379090
Email aloha_over_easy@yahoo.com
Meeting Date 09-04-2019
Council/PH Committee Council
Agenda Item Bill 40
Your position on the matter Support
Representing Organization Self
Do you wish to speak at the hearing? No

Written Testimony I regularly pick up trash in my neighborhood and on the beaches. Please ban the use of polystyrene foam. It is harming our environment. It breaks up into smaller pieces, birds & fish mistake it for food and is difficult to clean up. There are other options for food containers. It's time to take better care of our island. Mahalo

Testimony Attachment
Accept Terms and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 4:04 PM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name	Sarah Cote
Phone	508-208-1765
Email	Sarahelizabeth2365@gmail.com
Meeting Date	09-3d-yyyy
Council/PH Committee	Council
Agenda Item	Plastic bottle ban
Your position on the matter	Comment
Representing	Self
Organization	
Do you wish to speak at the hearing?	No
Written Testimony	I live in Honolulu and support the plastic bottle ban.
Testimony Attachment	
Accept Terms and Agreement	1

IP: 192.168.200.67



1050 Bishop St. PMB 235 | Honolulu, HI 96813
P: 808-533-1292 | e: info@hawaiifood.com

Executive Officers

Joe Carter, Coca-Cola Bottling of Hawaii, *Chair*
Charlie Gustafson, Tamura Super Market, *Vice Chair*
Eddie Asato, The Pint Size Corp., *Secretary/Treas.*
Lauren Zirbel, HFIA, *Executive Director*
John Schliff, Rainbow Sales and Marketing, *Advisor*
Stan Brown, Acosta Sales & Marketing, *Advisor*
Paul Kosasa, ABC Stores, *Advisor*
Barry Taniguchi, KTA Superstores, *Advisor*
Derek Kurisu, KTA Superstores, *Advisor*
Beau Oshiro, C&S Wholesale Grocers, *Advisor*
Toby Taniguchi, KTA Superstores, *Advisor*

TO:

City and County of Honolulu Council
Ikaika Anderson, Chair and Presiding Officer
Ann Kobayashi, Vice Chair

FROM: HAWAII FOOD INDUSTRY ASSOCIATION

Lauren Zirbel, Executive Director

DATE: September 4, 2019

TIME: 10am

PLACE: Council Chamber

RE: Bill 40

Position: Comments

The Hawaii Food Industry Association is comprised of roughly two hundred member companies representing retailers, suppliers, producers, and distributors of food and beverage related products in the State of Hawaii.

The industry prefers an approach that works on a holistic level. We would suggest a carrot-based approach to reducing waste. Tax credits for businesses that take steps to reduce their waste would go a long way towards making sustainability economically advantageous to all businesses and would be preferable to a ban.

Paper bags and non-plastic utensils are more expensive than the plastic versions, sometimes costing several times as much. Grocery stores operate at very narrow profit margins, often as low as 1 or 2%, and any added expense must be passed on to consumers. Compostable items often cost 3-4 times more than plastic, and cannot be composted on Oahu until a composting facility is created. Currently compostable products are sent to HPOWER on Oahu as are plastic utensils.

In addition to being more expensive for businesses and consumers and ending up in the same place as plastic waste, the alternatives to plastic utensils are also **not always available in the quantities that Oahu businesses need**. We're concerned that businesses will not be able to find alternatives to comply with this measure and still meet the demands of their consumers.

Because of the existing ban on compostable plastic bags if this measure is passed it would only allow paper bags even for transporting baked goods and prepared foods. Bags for these items were exempted from the bag ban because baked goods and prepared foods require transportation in bags that are sanitary and can contain moisture. Paper bags do not meet these requirements for certain products. Paper bags also require more energy and water to manufacture, and since they're heavier they require more energy per unit to ship.

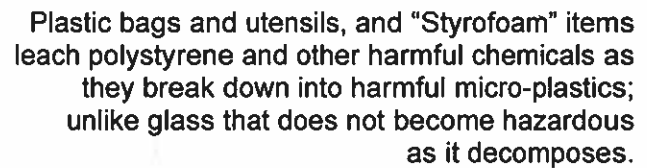
Bans may reduce one kind of waste, but it is just replaced with a different kind, and on Oahu all waste meets the same end. **We believe that a more proactive and functional way for the County to reduce the total amount of waste generated would be through incentives.** Instead of leaving some businesses, especially small locally owned businesses, behind by raising prices with a ban, we could move forward together by creating a system where all businesses and the environment see real benefits.

Thank you for the opportunity to testify.

R

Re: Bill 40 (2019) September 4, 2019 City Council Meeting









There are many reasons why I strongly support Bill 40. Here are a few of them:

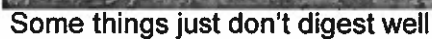


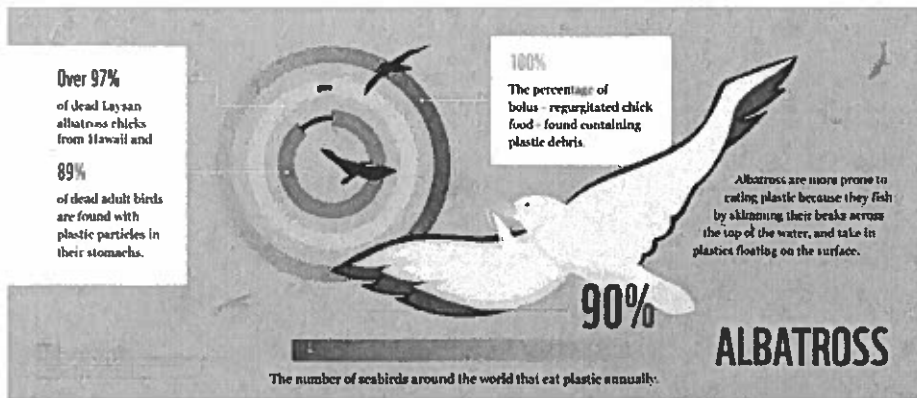
How Long Does it Last?

Have you ever thought of how long it takes for your trash to decompose? Minimize your trash and recycle.

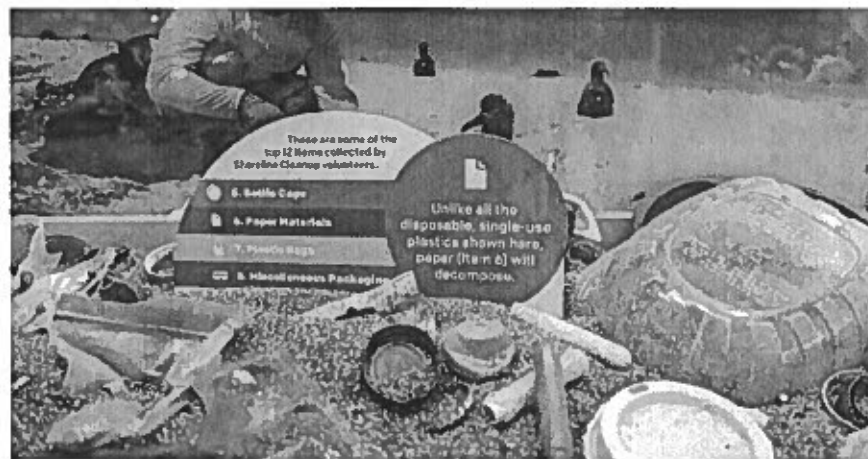
Different materials decompose at different rates. How long does it take for these common types of trash to break down?

Paper		2-4 WEEKS
Orange peel		6 MONTHS
Milk carton		5 YEARS
Plastic bag		15 YEARS
Tin can		100 YEARS
Plastic bottle		450 YEARS
Glass bottle		500 YEARS
Styrofoam		NEVER





<https://www.wwf.org.au/news/blogs/how-many-birds-die-from-plastic-pollution>



<https://www.ecowatch.com/canada-plastics-ban-2638760617.html>

My husband and I take long walks each morning or evening and constantly stop to pick up polystyrene foam and plastic litter, including dozens of straws, utensils, and cup covers.

We support sustainable restaurants, and bring water-filled thermoses and reusable bamboo utensils everywhere we go. These are easy habits to pick up, but to truly make an impact on the human health and the health of the environment we need the City Council's help.

Let's see if we can do it this time.

Thank you for your kind consideration.

Sincerely,

Denise Boisvert
Waikiki

From: CLK Council Info
Sent: Monday, September 02, 2019 7:58 PM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name Laura Jackson Coury
Phone 5104101696
Email laurajackson1@comcast.net
Meeting Date 09-04-2019
Council/PH Committee Council
Agenda Item Bill 40 (2019)
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony I am a resident of Kailua in support of bill 40. Our beautiful beaches are littered with plastic. Thousands of Animals and birds die each year because of plastic and trash in the ocean. It's time to join other communities to ban polystyrene foam and other plastics. Bamboo and other personal portable utensils are available in every food market. Let's keep our beaches beautiful.

Testimony Attachment
Accept Terms and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 8:30 PM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name Amber Thibaut
Phone 8082984039
Email amber.thibaut@gmail.com
Meeting Date 09-04-2019
Council/PH Committee Council
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

There are so many reasons that I support this bill:

Written
Testimony

- Plastics are entering our food systems, our own mouths and stomachs, our air, our water and our knowledge of the consequences is growing.
- Plastics are washing up on our beaches at alarming rates. Not only does this speak to the massive amounts of plastic in our oceans, but it's an incredible eyesore – which will undoubtedly negatively affect the tourism industry in our state.
- At every stage of its lifecycle, plastic poses distinct risks to human health, arising from both exposure to plastic particles themselves and associated chemicals.
- Reefs which are vital to ocean balance and survival of all things on planet earth are being harmed by plastics globally. Because plastics bioaccumulate pathogens when in water (they are floating or sinking islands for pathogens to attached to) when they make contact with reefs (often scarring or cutting them) the corals can become diseased.
- Plastic is costing cities, counties, states, & countries millions of dollars and our global economy billions. Costs are passed to the taxpayers by burdening our stormwater management systems with the need for expensive best management practices and the costs of cleanups.
 - o San Diego County (with population of 1.3 equivalent to Hawaii)

spends \$14 million alone on plastic cleanup

- It is argued that plastic is acceptable because we can incinerate it for clean, local energy. However, on O'ahu, H-POWER produces 3 times more greenhouse gas emissions than the Kahe and 10% more GHG emissions than the AES coal plant. While this is considered to be "clean energy" by the City and County of Honolulu, the State of Hawai'i, and the waste incineration industry--the numbers do not back this claim.

- Plastic waste management, especially "waste-to-energy" and other forms of incineration, releases toxic substances including heavy metals such as lead and mercury, acid gases and particulate matter, which can enter air, water, and soil causing both direct and indirect health risks for workers and nearby communities.

- Despite the dialogue perpetuated by industry - incineration is the opposite of renewable energy. The definition of renewable: (of a natural resource or source of energy) not depleted when used. When something is burned it is depleted - there is no difference between burning oil or trash made from oil (except that trash has more emissions).

Testimony
Attachment

Accept Terms
and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 8:31 PM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name Christopher Thibaut
Phone 8083591200
Email christhibaut@gmail.com
Meeting Date 09-04-2019
Council/PH Committee Council
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

There are so many reasons that I support this bill:

Written
Testimony

- Plastics are entering our food systems, our own mouths and stomachs, our air, our water and our knowledge of the consequences is growing.
- Plastics are washing up on our beaches at alarming rates. Not only does this speak to the massive amounts of plastic in our oceans, but it's an incredible eyesore – which will undoubtedly negatively affect the tourism industry in our state.
- At every stage of its lifecycle, plastic poses distinct risks to human health, arising from both exposure to plastic particles themselves and associated chemicals.
- Reefs which are vital to ocean balance and survival of all things on planet earth are being harmed by plastics globally. Because plastics bioaccumulate pathogens when in water (they are floating or sinking islands for pathogens to attached to) when they make contact with reefs (often scarring or cutting them) the corals can become diseased.
- Plastic is costing cities, counties, states, & countries millions of dollars and our global economy billions. Costs are passed to the taxpayers by burdening our stormwater management systems with the need for expensive best management practices and the costs of cleanups.
 - o San Diego County (with population of 1.3 equivalent to Hawaii)

From: CLK Council Info
Sent: Monday, September 02, 2019 9:30 PM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name Olivia Dawe
Phone 2094957104
Email Livdawe@yahoo.com
Meeting Date 09-04-2019
Council/PH Committee Council
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony
Single use plastic has become the normal for many people over the years. Single use plastics are also destroying our planet as we know it and we must change this. In order for future generations to be able to live and survive on this planet some kind of action needs to be taken against the plastic industry! Companies overproduce plastic items that are unnecessary and environmentally threatening. The environment needs us to help get it back to a sustainable living environment for current occupants and future generations to come. Please highly consider this change to not only our state but our environment. It's truly for the better.

Testimony Attachment
Accept Terms and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 9:30 PM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name Meghan Boone
Phone 5803995991
Email megmboone@gmail.com
Meeting Date 09-04-2019
Council/PH Committee Council
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony I support this bill because eliminating single-use plastic from our waste streams here in Hawaii is critical to ensure the preservation of our beautiful oceans for generations to come. It is also critical to ensuring we do not continue to endanger the marine life that call these waters home.

Testimony Attachment

Accept Terms and Agreement 1

IP: 192.168.200.67



Nicole Chatterson
Director, Zero Waste O'ahu
oahu.zerowaste@gmail.com
808.561.7730

September 2nd, 2019

RE: support with comments for Bill 40, hearing September 4th, 2019 at 10:00AM

Aloha Chair Anderson and HCC Council Members:

My name is Nicole Chatterson, I am Mānoa resident and Director of Zero Waste O'ahu. I am writing in support with comments to Bill 40, a phase-out of single-use plastics in Honolulu County.

This type of single-use plastic phase-out policy is being seen around the world. From island nations like New Zealand and the United Kingdom to places in the global south like Costa Rica and Ethiopia, communities are saying no single-use plastics on the basis of climate change mitigation and pollution prevention. Bill 40 is a great step in the right direction for Honolulu County. ZWO would like to see the bill strengthened by removing exceptions to the plastic bag phase-out and using updated language for the definition of polystyrene foam.

If single-use plastic consumption maintains on the current trajectory, **plastic use will account of 20% of our fossil fuel use by 2050**. While recycling and waste-to-energy are often cited as ways to deal with this plastic waste—we have recently seen that the recycling markets are too unstable to offer a consistent, sustainable solution to our waste. Compounding this, roughly 80% of the Global North's 'recyclable' plastics (exported from places like Hawai'i) are not recycled and instead escape into the marine environment.

While we have the option to incinerate plastic for energy locally via H-POWER, this is also a flawed approach. Per megawatt, **H-POWER produces 3 times more greenhouse gas emissions than Kahe—O'ahu's largest oil-based energy plant**. Further, **H-POWER requires 800,000 tons of waste annually** to maintain operations and profit margins. This means that waste production is incentivized, driving more upstream impacts through the extraction, production, and transportation of products-turned-trash. According to the U.S. EPA, about 42% of the U.S. greenhouse gas footprint results from this production-disposal chain.

A recent report from Center for International Environmental Law (CIEL) reveals that at every stage of its lifecycle, plastic poses distinct risks to human health, arising from both exposure to plastic particles themselves and associated chemicals. This exposure ranges from extraction and transportation to the persistent accumulation of plastics in soil, water, and air. Humans and animals are being exposed to a suite of toxic chemicals that make up plastics, as well as the pathogens that attach to plastics in the marine environment.

In addition to public safety, plastics are causing escalating Cleanup Costs while the economic benefits of decreasing plastic production and use are rising.

- Plastic is costing cities, counties, states, & countries millions of dollars and our global economy billions. Costs are passed to the taxpayers by burdening our storm water management systems with the need for expensive best management practices and the costs of cleanups.
- Hawaii State Department of Transportation has produced a trash plan that shows styrofoam and plastic bags as the top two contributors to the waste stream.
- The Natural Resource Defense Council (NRDC) created a plastic cleanup valuation study for 90+ counties in California:



- CA taxpayers are paying \$428 million per year to clean up plastic through storm drain management, street sweeping, and cleanups.
 - San Diego County (with population of 1.3 equivalent to Hawaii) spends \$14 million alone on plastic cleanup
- United Nations Environmental Program Global Estimates are in the billions for the global cost to cleanup plastics, \$14 billion for marine plastic alone.
 - This cost is closer to \$78 billion annually if all costs are considered, including the cost lost in fossil fuel production and loss of resources.
- Burden on the public
 - According to cleanup hours recorded across Hawaii's beach cleaning organizations and volunteer hour base rates, we spent \$750,000 - \$1 million on beach cleanups in 2016 alone.

Mahalo for your time in considering and moving forward Bill 40,

Nicole Chatterson

Director, Zero Waste O'ahu



sustainable coastlines Hawaii

Bill 40: Support

Hearing: September 4th, 2019 10:00AM

Full Council

Aloha Chair Anderson and Members of the Council,

I am writing as the Executive Director of Sustainable Coastlines Hawai'i and on behalf of our thousands of dedicated volunteers who spend their lives caring for our coastlines. Mahalo for your time and effort to consider Bill 40 related to plastic pollution and its associated effects on our environment, climate change, waste generation, and of course on our livelihoods and health. **We are in strong support of Bill 40** – a phase out plan for single-use plastics in our businesses.

While we fully support the bill, we would suggest that a few amendments could be made to strengthen and clarify the bill. Mainly, we believe that the definition of polystyrene foam is out of date and needs updating. CFCs no longer persist in this material due to regulations and the material is defined differently, while still remaining problematic. We suggest using the language introduced in some of the state wide bills – Polystyrene means a thermoplastic petrochemical material utilizing a styrene monomer, including all polystyrene, meaning any styrene or vinyl chloride polymer that is blown into a foamlike material. Polystyrene includes materials created from techniques including the fusion of polymer spheres (expandable bead polystyrene), injection molding, foam molding, and extrusion-blow molding (extruded foam polystyrene).

Sustainable Coastlines Hawai'i and our extended community are deeply concerned about plastics on our beaches, in our nearshore waters, in marine life that calls these areas home, and in our own bodies from constant ingestion. Over the past decade our community has cleaned almost half a million pounds of debris from our shorelines. That number is staggering and each year the onslaught of plastic to our shores increases exponentially. At a recent cleanup at Magic Island we removed 4000 lbs of debris comprised mostly of single-use items in just 2 hours. Annually in coordination partner cleanup organizations we expend \$1 million in volunteer hours alone to clean our coastlines. While we devote many of our resources to education & outreach, having reached tens of thousands of students statewide with in-class presentations, the situation has become dire and action to curb our plastic production at its source is necessary immediately. The issue of plastic pollution is a multifaceted issue that concerns the public safety, our economy, and the state of our resources for future generations.

As a country, our citizens produce more than double per capita plastic waste of China and five times that of Indonesia, while (with Europe), housing 95% of the companies, lobbyists, and industries in the plastic economy (WEF 2016). By centering our eye on, Hawai'i, the U.S. state with the highest rates of waste generation (nearly doubling the national average) and the beaches inundated with the Pacific Gyre's rapidly increasing plastic pollution (CNN 2016) we are at the heart of the global plastic problem. Up to 80% of the plastic in our oceans comes from land-based sources, estimated at 5-13 million tons of plastic. Hawai'i is uniquely positioned to focus the narrative of plastic solutions and our county has the opportunity to lead the world in a progressive movement that cultivates change at the source of these problems.

The United States environmental protection agency (EPA) outlines a waste pyramid in which reduction and re-use stand as the pinnacle to effective waste management. Our Cities, Counties, and State need to rethink the way they create, handle, and discuss waste. Sustainable Coastlines Hawai'i believes that we can become a leader in a regenerative economy in which we value reuse and recovery over the single-use items. Single-use plastics, like straws, polystyrene foam, plastic cutlery, bags, and water bottles are a fossil fuel driven, carbon emitting industry that has no place in an island economy where space is limited and our environmental health is the most important issue to our economy.

To date, the majority of dialogue regarding solutions to the plastic problem revolves around how we clean up our how we focus attention on regions of the world that have poorer waste management. These solutions may help slow the flow of waste into our oceans or clean up what is already there, but do not help solve the underlying issue. As our ocean fills with more plastic by weight than fish (Washington Post 2016) by 2050, as we have seen a 610% increase in raw plastic production since 1975 (Jambeck 2015), and as 95% of plastic packaging globally (resulting in \$80-120 billion cost) is lost after a single-first use (WEF 2016), the solutions must be more geared towards a shift away from the fossil fuel based, greenhouse gas creating industry of plastics.

Plastics, Public Safety, & Climate Change:

Plastics are made from fossil fuels. The proliferation of plastic production and the current projected increase will mean that plastic production will account for 20% of the global fossil fuel budget by 2050 (United Nations 2018). A recent study from UH Mānoa researchers, published in PLOS One, illustrates that not only are plastics contributing to greenhouse gases in the production & transportation sectors, they are also releasing methane and ethylene as they degrade in water and sunlight. As the plastics break down into smaller and smaller pieces known as microplastics, they release more methane as there is more surface area exposed to sunlight. This has shed light on the full cycle consequences of plastic from production to disposal as major contributors to the climate crisis. Climate change and its impacts need to be considered as some of the most serious threats to our public safety and well-being. Our coastlines are in jeopardy from sea level rise and our reefs are struggling to survive. Any steps that we can take to be a part of reducing the impact of these issues will allow our county to be part of transitions that positively effects the world.

Additionally, the studies and information are mounting that demonstrates the proliferation of tiny plastics into the entirety of our world from the peaks of the Himalayas to

the bottom of the Marianna Trench. Sadly, what we are also finding is that humans are ingesting thousands of pieces of plastic a week through the air and even through the bottled water that businesses claim to be healthier than tap water. Given the chemical properties of plastics we know that ingesting them is strong reason for concern regarding public safety and health. As you will read below in the section on coral reefs, plastics bioaccumulate toxins and thus we should have great concerns on the human health effects as we continue to ingest them in larger numbers.

Cost of Plastic Pollution

The costs of plastic pollution are mounting in multiple sectors - financially, ecologically, and socially. Plastic is costing cities, counties, states, & countries millions of dollars and our global economy billions. Costs are passed to the taxpayers by burdening our stormwater management systems with the need for expensive best management practices and the costs of cleanups. Hawai'i State Department of Transportation (HDOT) has produced a trash plan that shows polystyrene foam and plastic bags as the top two contributors to the waste stream, while in California, the Natural Resource Defense Council (NRDC) created a plastic cleanup valuation study for 90+ counties in California. The study concluded that CA taxpayers are paying \$428 million per year to clean up plastic through storm drain management, street sweeping, and marine cleanups. San Diego County (with population of 1.3 equivalent to Hawaii) spends \$14 million alone on plastic cleanup. In late 2018, San Diego passed a sweeping prohibition of polystyrene foam and reduction of other single-use plastics, joining hundreds of municipalities across the globe in stemming this plastic tide.

A recent waste accumulation study that Honolulu Facilities Management department conducted that indicated that 28% of the debris in stormdrains, detention basins, etc. was plastic & styrofoam. The city is charged with cutting waste in these systems by 50% by 2023 and 100% by 2034 in order to meet requirements for pollution discharge permitting.

"The economic damage caused by plastic waste is vast. Plastic litter in the Asia-Pacific region alone costs its tourism, fishing and shipping industries \$1.3 billion per year. In Europe, cleaning plastic waste from coasts and beaches costs about €630 million per year. Studies suggest that the total economic damage to the world's marine ecosystem caused by plastic amounts to at least \$13 billion every year. The economic, health and environmental reasons to act are clear." (UNEP 2018)

Harm to Reefs & Marine Life:

A recent study published in the renowned journal of *Science* describes the mounting issues of plastics on our fragile and threatened reefs. The study describes corals as being 90% more likely to be diseased when plastic sits on the reef. The billions of pieces of plastic already in the ocean are scarring reefs and then likely infecting them with the contamination that comes from their chemical properties that allow for microbial colonization of pathogens. In other words, plastics bio-accumulate toxins in the water and thus can transfer such toxins to other organisms like coral. This is yet another toxic consequence of plastics in our oceans, of which many more are described in the points below.

The effects to marine life in our oceans are mounting. 50 to 80 percent of dead sea turtles have ingested plastic. Plastic bags, which resemble jellyfish, are the most commonly

found item in sea turtles' stomachs. Worldwide, 82 of 144 examined bird species contained plastic debris in their stomachs; and in some cases, 80 percent of the population had consumed plastic. Researchers found that 66 percent of Giant Petrel shorebirds regurgitated plastic when feeding their chicks. Commercial fish, such as Opah and Bigeye Tuna, consume plastic, which could significantly reduce global populations. A University of Hawaii study reports "[i]n the two [Opah] species found in Hawaiian waters, 58 percent of the small-eye opah and 43 percent of the big-eye opah had ingested some kind of debris."

On a recent field trip visiting with the Marine Mammal Research Program, we were guided through the facilities where beached and dead Pilot Whales had been examined. The stomach contents of the three animals found on O'ahu, Lana'i, and Kaua'i revealed between 15-30 lbs of plastic in the gut. Plastic does not breakdown like organic material and as marine animals continue to ingest the plastics their stomachs eventually fill to a state in which they can no longer consume enough food to address proper nutritional maintenance. This is similar to the problem widely shared with Laysan Albatross in Papahānaumokuākea.

HPower and the problems of incineration:

Incineration is a poor choice altogether for dealing with plastic waste. Just based on simple emission calculations on kilowatt/hour, HPOWER produces almost triple the GHG emission of our oil burning plant and just slightly less than coal. This places incineration as one of the dirtiest forms of energy production. In places like Copenhagen, their reliance on incineration actually caused them to go well over their agreed upon Kyoto protocol limits for GHGs. With the State of Hawai'i institutionalizing the Paris Climate agreement and also agreeing to net-zero emissions, incineration should be phased out of any energy production goals. Finally, as noted in a BBC News article in 2018, plastics in a landfill are mostly inert, as they don't break down when buried in the landfill and are thus not emitting anywhere near the emissions that come with incineration (further explained in the article referenced earlier in which plastics release the most methane when exposed to direct sunlight) . While we understand that Hawai'i is limited in its space as a unique piece to this discussion, it needs to be noted that the environmental consequences of incineration are far greater than advertised. Thus, the emphasis needs to be a continued to push towards reduction of waste.

Ultimately, we have to reduce the problem at its source. Single-use plastics are an unneeded convenience that our society must learn to move away from. The alternatives exist and we must exercise some sort of ethic over our consumer behavior. Our kuleana is to protect our public health and public trust resources like our shorelines for all generations into the future and currently we are not fulfilling that leadership role. Sustainable Coastlines Hawai'i strongly urges the County Council to pass Bill 40 and strengthen it in the process – creating a phase out plan for detrimental single-use plastics and becoming a leader .

Mahalo for your time and consideration,

Rafael Bergstrom
Executive Director, Sustainable Coastlines Hawai'i

References:

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Imam, Jareen. "Hawaii has a serious trash problem — and it's coming on ocean waves". CNN. June 3, 2016

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Royer S-J, FerroÂn S, Wilson ST, Karl DM (2018) Production of methane and ethylene from plastic in the environment. PLoS ONE 13(8): e0200574.
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UNEP (2018). SINGLE-USE PLASTICS: A Roadmap for Sustainability

World Economic Forum. The New Plastics Economy. Rethinking the future of plastics. 2015

R

DATE: 2nd September, 2019

TO: Chair Anderson, Vice-Chair Kobayashi and Council Members

NAME: Dean Otsuki

RE: **TESTIMONY IN SUPPORT OF BILL 40**

Relating to plastic.

Testimony for Council meeting on Wednesday 4th September, 2019 at 10AM.

Aloha Chair Anderson, Vice-Chair Kobayashi and Committee Members,

I am writing in support of Bill 40 which would prohibit the use of plastic bags for take-out food, plastic straws, stirrers and utensils. I would also like to see amendments to this bill to ban polystyrene foam containers for food and drink and plastic check out bags with handles given out by vendors at farmers markets.

All the above plastics are not needed as there are other alternatives. When I'm eating out I use my reusable bamboo utensils (fork, spoon, knife, chopsticks) with a reusable wrap. I've been using these for the past 10 years. They are lightweight and I carry them with me in my bag and/or car. If I need to stir something I just use one of the utensils.

As for using a straw I also carry a glass straw along with my bamboo utensil set. There are other reusable alternatives such as straws made of metal and bamboo. Restaurants can use paper straws or use reusable straws which can be washed.

If I'm getting take-out food I will put the container of food in my insulated bag which I've been using for over 10 years. Same for leftovers from restaurants. If something spills, I use a damp cloth to clean it up.

When I go shopping at farmer's markets I bring along my insulated bags along with my reusable organic cotton produce bags. The produce bags are great because I can also use these to store my produce in my cupboard or refrigerator.

There are better, healthier alternatives like compostable containers for polystyrene food containers on the market today that don't have the toxic chemicals in them like styrene. Compostable containers are 100% plant based so if they do get into the marine environment they will not harm marine life as compostables are non-toxic. Alternatives to polystyrene foam containers are glass, porcelain or metal. I bring my own reusable container glass containers when getting take-out food.

Having policies in place for banning individual disposable plastics are great but to make an appreciable dent in the plastic pollution problem that's overwhelming our land and ocean environments I believe a broader approach to banning disposable plastics like this bill is very much needed.

California cities Berkeley, Santa Monica, and Manhattan Beach have adopted such broad policies to prohibit all plastic check out bags, disposable food and drink service ware including Styrofoam used in packaging products. The Bahamas have also recently put a law in place starting next year to ban all disposable plastics.

Honolulu County is long overdue to prohibit disposable plastics and the longer we wait the more plastic is going to be on land and the ocean environment because it doesn't biodegrade. Instead, it breaks down into small pieces that are easily ingested by sea birds and marine life, causing harm and killing some of them. Microplastic and nanoplastic particles, which contain toxins, have been found pretty much everywhere, including table salt, beer, bottled water, the Arctic and Antarctica. Most of the plastics do have endocrine disrupting chemicals which cause harm to both animals and humans.

Plastics do emit greenhouse gases, so this is another way to limit our contribution to global warming. Researchers from the University of Hawai'i at Manoa School of Ocean and Earth Science and Technology (SOEST) discovered that several greenhouse gases are emitted as common plastics degrade in the environment (August 1, 2018)

Please pass Bill 40 to protect our land, ocean and people.

Thank you for your consideration of my testimony.

A handwritten signature in black ink, appearing to read "Dean Otsuki". The signature is fluid and cursive, with a large initial "D" and "O".

Dean Otsuki

From: CLK Council Info
Sent: Tuesday, September 03, 2019 6:05 AM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name	Stacey Garmshausen
Phone	949-463-3486
Email	Sgarmsy@gmail.com
Meeting Date	09-03-2019
Council/PH Committee	Council
Agenda Item	Bill 40
Your position on the matter	Support
Representing	Self
Organization	
Do you wish to speak at the hearing?	No
Written Testimony	
Testimony Attachment	
Accept Terms and Agreement	1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 6:59 AM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name	Mio Chee
Phone	8082222940
Email	mioono@hotmail.com
Meeting Date	09-04-2019
Council/PH Committee	Council
Agenda Item	Bill 40
Your position on the matter	Support
Representing	Self
Organization	
Do you wish to speak at the hearing?	No
Written Testimony	I strongly support Bill 40. Please pass this bill. Mahalo
Testimony Attachment	
Accept Terms and Agreement	1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 7:09 AM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name	Micah Chee
Phone	8085364891
Email	healthykidshawaii@gmail.com
Meeting Date	09-04-2019
Council/PH Committee	Council
Agenda Item	Bill 40
Your position on the matter	Support
Representing Organization	Self
Do you wish to speak at the hearing?	No
Written Testimony	I am a middle school student and I support this bill because I care about my planet.
Testimony Attachment	
Accept Terms and Agreement	1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 7:33 AM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name Katherina Drake
Phone 8082552861
Email oceanstar115000@hotmail.com
Meeting Date 09-04-19yy
Council/PH Committee Council
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony Our ocean is in desperate need of our caretaking. We have to take responsibility and do what is needed in order to keep it clean and thriving. We need to be the protectors of our oceans. Please ban all plastic bags for take-out foods, plastic straws, stirrers, and utensils need to be banned and amend the bill to ban polystyrene foam food containers on O`ahu.

Testimony Attachment
Accept Terms and Agreement 1

IP: 192.168.200.67

R

From: CLK Council Info
Sent: Tuesday, September 03, 2019 7:37 AM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name nicolas chaize
Phone 8085401377
Email nico@nicospier38.com
Meeting Date 09-04-2019
Council/PH Committee Council
Agenda Item bill 40
Your position on the matter Comment
Representing Organization
Organization Nicos ,llc
Do you wish to speak at the hearing? Yes

Many people cringe when they see stacks of Styrofoam in our restaurant. Styrofoam is an effective product in the food industry and commonly known to be an environmental hazard. this is why it's important to understand Hawaii unique waste managementsystem . Most of our trash goes to Hpower plant where is processed and accounts for 8 % of our electrucity. Hpower reduces the volume of waste by 90%.

points:

- reduces dependence on imported oil
- foam burns hotter and longer
- we use a CFC free foam (Pactiv brand)
- keep food fresh, safe to eat, higher quality
- using regular plates or tableware will increase consumption of water (dishwasher machine)
- higher consumption of chemicals to wash dishes (not good when located on the water)
- Hawaii doesn;t have a recycling program.
- not convenient for customers (they need to bring their own silverware?
- small demographic not a big impact ...
- Alternative product not quite good many of them from China 8 to 10 times heavier than foam plates carbon foot print is terrible to bring those products.
- higher cost on top of higher labor and food cost

Written Testimony

-IT'S STILL TRASH AND IT'S STILL GOES TO THE SAME PLACE
:HPOWER PLANT where is the issue????

Testimony
Attachment
Accept Terms and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 3:23 AM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Rylee Brooke Kamahele
 Phone 8082060303
 Email Tinyprincessrbk@gmail.com
 Meeting Date 09-04-209y
 Council/PH Committee PublicSafety
 Agenda Item Bill 40
 Your position on the matter Support
 Representing Self
 Organization
 Do you wish to speak at the hearing? Yes

My name is Rylee Brooke Kamahele, I am 11 years old, and I am the founder of an organization called The Love is a Verb Foundation and The Plastics Project is a program I run under that. I am here to speak on behalf of my generation and generations after ours in support of Bill 40.

I am aware of both sides of this situation where adults are torn between convenience, money, business, jobs, and what we're use to - versus - health, environment, animal welfare, and sustainability. I just want to focus on irreversible damage and what that means for me, the future family that I hope to have someday, and every other child from my generation and after.

Written
Testimony

Last year, at one of the youth managed beach clean ups that we did, there was a Japanese scientist taking water samples. He was doing all kinds of weird stuff with these glass beakers and I had to ask. He explained to me that what he was studying is the effect the chemicals that all the plastic in the ocean will have once they finally break down into their chemical components. This freaked me out! You see, every piece of plastic that ever was created still exists today. Here's a fun fact: even when animals die from plastic, their bodies decompose and the plastic does not! I've learned and I teach about microplastics all the time, but I never thought about those microplastics breaking down even further, and apparently, research is only being done on it now. Why does this freak me out? Well, first, its already pretty bad that we are basically eating plastic all the time. I'm sure most people know that we are now eating plastic every time we eat seafood, but did you know that we drink plastic in our water too? It's in our rain and snow. It's everywhere!

There is more than 8 million tons of plastic being dumped into our oceans every year, that's an estimated one garbage truck filled with plastic being dumped into our ocean every minute and, there is currently over 150 million tons of plastic already in the ocean. What is going to happen when all that plastic starts breaking down into chemicals? The ocean is our main source of water and our main source of oxygen, so what does it mean for my generation when the choices of our elders is causing irreversible damage to our main life source?

300 million tons of plastic are produced every year, 50% of that is single use plastic which is used for just a few moments. Did you know that an average working life of a plastic bag is just 15 minutes and more than 1 million plastic bags are used every minute? Again, I am going to use the word irreversible because once all this plastic is made, we're stuck with it. WE! My generation and our future! It can never be undone and the damage and destruction from the plastic, then microplastic, then whatever chemicals are left behind are irreversible.

I once captioned one of my Instagram posts of a beach clean up my team did as "It's not our mess, but it's our world" and the truth is, while we spend hundreds of hours doing beach and neighborhood clean ups, while we remove thousands of pounds of plastic from our beaches every year, the cycle is never going to stop unless we stop the source. Doing a statewide phase-out of single-use plastics is a start because businesses work on supply and demand. I run a business and I understand supply and demand. If there is no demand for single-use plastics, businesses will have no reason to supply. Manufacturers would be forced to create something else, and that's what we need.

Our generation is literally watching our planet be destroyed and we are so limited on what we can do without the help of our leaders. I can do clean ups, I can educate, I can speak to all of you, but the big changes that we need, like this bill, are in your hands. So here I am, asking you, our leaders, to look at the impact that past generations might not have seen but my generation needs to live with. Plastic is irreversible damage and our main source of oxygen and water is at risk. I am here asking you to please support bill 40.

Testimony
Attachment
Accept Terms
and Agreement

1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 8:04 AM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name	Tristan S Bassingthwaighte
Phone	4063966446
Email	DeepSpaceDesigner@gmail.com
Meeting Date	09-03-2019
Council/PH Committee	PublicSafety
Agenda Item	Bill 40
Your position on the matter	Support
Representing	Organization
Organization	DSDesigns
Do you wish to speak at the hearing?	No
Written Testimony	As a small business I support the phase out of single-use plastics from Hawaii
Testimony Attachment	
Accept Terms and Agreement	<input checked="" type="checkbox"/> 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 8:11 AM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Vital Inc
Phone 4102075560
Email vitalincmedia@gmail.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item Bill 40
Your position on the matter Support
Representing Organization
Organization Vital Inc.
Do you wish to speak at the hearing? No

Aloha Chair Waters and Members of the Public Safety & Welfare Committee,

My name is Alexandra Kahn and I run a nonprofit which provides environmental education through media and social media. I am testifying in strong support of Bill 40 and paving the way towards a more sustainable future for Oahu, Hawaii, and the world. As an environmental storyteller, I have spoken with businesses, customers, and children around the island, asking them about their opinions on single use plastic and how it affects their future and the future of Hawaii. The answers have varied across the board, but the common theme is that we need to make changes now for the long term goals of Hawaii and for our children's future.

Written Testimony The information is on the news and social media that shows where micro plastics are surfacing- in oceans, on beaches, in our drinking water, in the rain. We are ingesting plastic every day into our bodies whether we realize it or not. Plastics exposed to heat are emitting methane, the most potent greenhouse gas, into the environment and quickening the rate at which our atmosphere warms. These problems will not end unless ultimately single-use plastic ends. And while this goal is a long way off, we can begin to phase out single-use plastic now.

While Bill 40, at first, does not affect the rest of the country, history has shown that our environmental policy affects the other states and that they not only adopt our policies, but look to us as a leader in the environment. We were the first to commit to 100% renewable energy, the first to ban some of the most potent chemicals in sunscreen, the first to commit to 100% carbon neutrality. And while these might have higher costs up front, or cause

concerns for businesses which have to make changes, the pending outcome of a cleaner, more efficient, more self-sustaining, more cost effective Hawaii outweighed any hesitation. Bill 40 is just another step in the right direction. Hawaii is thought of as a leader throughout America for our environmental policy, so let's be a leader once again, so other states can follow and we can create a better future for our children.

There is a large expense to the city centered around the plastic clean up of storm drains, this should not be where our tax money goes. Our plastic is currently burned to create H-Power, but this is an energy source that is not getting cleaner or cheaper with time, as renewable sources are, so again this should not be where our tax money goes. As an island we need to invest in the future, by starting today with a single-use plastic phase out.

Where I WILL spend money is in support of those businesses which stop using single-use plastic. I WILL pay the extra cost for the alternative products and packaging because ultimately I am paying to clean up the plastic and burn the plastic anyway, and I would rather my money go to preventing the problem in the first place. I already avoid plastic wherever I can in grocery stores, restaurants and stores. It's become a regular part of my life and I urge others to do the same. I go out of my way to support the businesses making environmentally conscious decisions so the movement can spread further.

So please consider passing Bill 40 so that our money can be used more wisely and so that we can be better prepared for the future and leave our children a better island and a better planet.

Mahalo,

Alexandra Kahn

Alexandra Kahn- Videographer, Director + Editor
Kids of Tomorrow
kidsoftomorrowfilm.com
@kidsoftomorrowfilm

Testimony
Attachment

Accept Terms and
Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 5:35 AM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Kylien patel
Phone 419-512-1145
Email Kyliens@aim.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item BILL 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

I support Bill 40 and it's proposed ban on the use of plastic bags, utensils, and strofoam containers at Oahu's restaurants.

I propose that it be amended to ban the use of the same from farmer's market vendors as well.

Written Testimony Cutting out single use plastics is so crucial to the health of our islands, our ocean, and the wildlife that calls it home.

My husband and I live in Kailua With our small kids. We are lucky to have so many delicious restaurants locally but hesitate to order take out even when it would be so convenient on a busy night. I believe that there are others like us who would be more comfortable supporting our local businesses more often if this ban was in place.

Please vote to support the ban of single use plastics.

Testimony Attachment

Accept Terms and Agreement 1

From: CLK Council Info
Sent: Tuesday, September 03, 2019 2:25 AM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Mary Cote
Phone 5082434332
Email marrycotere@hotmail.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item Bill #40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony I am part of a grassroots organization on Cape Cod, Massachusetts called Sustainable Practices. We are trying to pass a municipal ban on plastic bottles in all 15 towns of Cape Cod.. We have passed in five of nine towns and will be voting in the remaining towns n the fall.
I live in Sandwich MA, but I have a daughter living in Honolulu.

Testimony Attachment
Accept Terms and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 1:29 AM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Shara Toennies
Phone 6187917430
Email LaDollyVita@hotmail.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization

Do you wish to speak at the hearing? No

Written Testimony Single-use plastic has proven to be a poison infecting our water, soil, air, and even us. Microplastics have been found both in livestock feed and human feces, so it is literally cycling through our food chain unchecked. We all have a responsibility to reduce our plastic waste, but this is especially true for island residents.

Testimony Attachment

Accept Terms and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 10:44 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name James Ishiki
Phone 808 636-3387
Email jti123@aol.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item Biki
Your position on the matter Oppose
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony I have been using BIKI in cases of emergencies when I need to get back home quickly instead of catching the bus. Due to the recent increases in metered parking as well as the extended hours of metered parking, I have started walk to some of my destinations in town. Biki has been useful when ever I needed to get back home quickly. I find the current locations convenient and easy to get to. Please don't make it harder for working people like me to have access to an alternative mode of transportation in cases of emergencies. Thank you.

Testimony
Attachment
Accept Terms and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 10:57 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Tenaiya Brookfield
Phone 8087969008
Email tenaiya@gmail.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

I'm writing in strong support of bill 40. Styrofoam and single use plastics are completely unnecessary in Hawaii when perfectly good aina friendly alternatives exist. Hundreds of restaurants in Oahu already know what is pono and follow this rule already. Anyone complaining about costs should know that no company went out of business on Maui or the Big island from the styrofoam ban, so just pass the 5 cent cost onto your customer and your profits remain or simply reduce your single use purchases and opala costs by reusing tableware.

Currently, styrofoam and plastics used on Oahu will end up in the ocean when not thrown away, burned into the air at H-power, or put in the ground at the landfill. In a recent study, some 90% of water samples had microplastics in them. We need to be better stewards of our land and our health. Eliminating these easy items is the very least we can do.

Testimony
Attachment

Accept Terms and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 7:57 AM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name	Josh Catone
Phone	8185186725
Email	catone51@hotmail.com
Meeting Date	09-04-2019
Council/PH Committee	PublicSafety
Agenda Item	Bill 39
Your position on the matter	Support
Representing	Self
Organization	
Do you wish to speak at the hearing?	No
Written Testimony	I support bill 39 to lengthen lifeguard hours. Sun up to sun down. I support
Testimony Attachment	
Accept Terms and Agreement	1

IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 10:20 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Johanna Lupardus
Phone 3309904635
Email johmosquera@gmail.com
Meeting Date 09-03-2019
Council/PH Committee PublicSafety
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony We, the people in Hawaii, want to be part of the change! We want laws that protect our environment. We must do better, and it starts with the help of our government officials and laws. Allow us to have better options, and eliminate single use plastic and styrofoam for once and for all!

Testimony
Attachment

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IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 10:19 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Jonathan
Phone 8083850611
Email yonijones@gmail.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Hello,

Written Testimony My name is Jonathan and I support bill 40.
Using plastic has a negative effect on our environment. I would like Oahu take it's next step and remove the production and importation of plastic.

Testimony Attachment
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IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 9:53 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Callie Stephenson
Phone 9196021104
Email callies@hawaii.edu
Meeting Date 09-16-1995
Council/PH Committee PublicSafety
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Aloha Members of the Honolulu City and County Council,

I, Callie Stephenson, am a current resident of Palolo Valley writing to voice my wholehearted support for Bill 40 because I believe that by phasing out single-use plastics, Honolulu City and County is taking a proactive step towards reducing plastic pollution. By removing single-use plastic straws, utensils, bags, and foam from everyday use in Honolulu, we can reduce threats to public safety, protect our environment, and create a more educated populace.

Written
Testimony

These items have a direct impact on the public safety of myself and the other citizens of Honolulu. It clogs our storm drains, endangering our citizens and forcing the DOT to use millions of taxpayer dollars to fix these storm drains. As these plastics degrade and make their way into human consumption through the water we drink or the animals we eat, they can impact our health. By passing this bill, this council has the ability to positively impact its citizens health and safety.

In addition to these direct impacts to human health, reducing single-use plastics will improve lives of the citizens of Honolulu by improving our environment. In my day-to-day life, I am fortunate to work as a Coral Nursery Technician at the State of Hawai'i Coral Restoration Nursery. As a protected resource, corals are essential to Hawaiian nearshore habitats. While you are reading and listening to members of the public testify in support and opposition of this and other docket items, the corals in Hawai'i are experiencing yet another large-scale bleaching event. It is crushing to watch the animals I have dedicated my career to saving die before my eyes. And while many actions are necessary to cease this

decline, Bill 40 is a step in the right direction. When plastic straws, utensils, bags, and foam enter our ecosystems, they are morphed by the sun, wind, and waves into tiny fragments that can soak up additive chemicals and negatively impact our environment. In the case of our corals, studies out of Duke University and Boston University both show these carnivorous organisms prefer eating microplastics over traditional sources of food, diminishing the ability of these corals to obtain nutrition and acting as a vector for coral disease. By passing Bill 40, this council has the ability to limit the amount of plastic that directly contributes to coral loss.

Lastly, the ordinance created by this bill will create conversation about single-use plastics both in Honolulu and around the world. Hawai'i has been a leader in creating environmentally- and people-friendly public action, from the reduction of plastic bags amended in this bill to the removal of sunscreens that impact coral reefs. With each step taken, the public becomes more informed of the impact everyday actions we take can have on the environment around us.

I am inspired to see this legislation come before the City and County Council and look forward to the results of this hearing. Please take the action needed to protect Honolulu, both the citizens and the environment. Thank you for your time and consideration.

Respectfully,
Callie Stephenson

Testimony
Attachment

Accept Terms and
Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 9:39 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Marvin Heskett
Phone (808) 728-4617
Email mhesketts@me.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item BILL 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Aloha Councilpersons,

I respectfully ask for your full awarenesses and engagement on this very important bill. The very minor concessions we would make as a community to begin to curb the overwhelmingly toxic tide of single use plastics time is well overdue. Far too many members of our marine community have suffered and perished for our minor and insignificant convenience. Most of us have lived in a world before single use plastics dominated our shopping experience and very few of us feel overwhelmingly satisfied with the way the world has changed with the petrochemicals invading each step of our grocery, take out meal and retail purchases.

Written
Testimony

I have a short personal story of a devastating moment that changed my point of view from complacency to activism. I had the pleasure of spending time on remarkably remote Green Island in the Kure Atoll in Papahānaumokuākea. As my colleagues and I strolled along the former runway we were bemused by dozens of small cones, some 3" high of neatly stacked plastic pieces dotted along the runaway. We found lighters, straws, dental floss picks and other commonly used and encountered plastics. We wondered how they became to be. As we strolled along, we eventually found feathers littered about a stack and then another with bones and yet another with a mostly decayed albatross chick. I was brought to my knees as I realized the dozens and perhaps hundreds of peculiar cones were the headstones of albatross chicks, not allowed to fledge for the curse of our convenience.

How dare the plastics retailers call foul over the few cents per item relieving our marine family from this curse would cost. Living in Polynesia, in the center of our Ocean, it is our

responsibility to take responsibility for our actions and stop the use and distribution of these lethal materials. Their use is unsustainable and as we prove time and time again, with all good intentions, we simply can't handle the responsibility of handling them without accident or loss of their control. Furthermore, we're now realizing that the concept of recycling these materials was a ruse and indeed very little of the material is recyclable to any realistic extent, resulting in the calamitous decay of communities willing to purchase the materials which are stacking up and likely making their way back to the water. It's time to end the madness and take a step in the right direction by voting yes on Bill 40.

Aloha Kakou,
Marvin Heskett

Testimony

Attachment

Accept Terms and 1
Agreement

IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 9:36 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name	Suzanne Egan
Phone	8083213072
Email	Segan80i@gmail.com
Meeting Date	09-04-2019
Council/PH Committee	PublicSafety
Agenda Item	Bill 40
Your position on the matter	Support
Representing Organization	Self
Do you wish to speak at the hearing?	No
Written Testimony	What is there to testify about? Its a no-brainer. Of course we cant have single use plastic anymore. Seriously, does this need to be spelled out?
Testimony Attachment	
Accept Terms and Agreement	1

IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 9:30 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Michael Amrhein
Phone 8083684642
Email Mamrhein5@gmail.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony I support Bill 40 and it's proposal to reduce single use plastic in Hawaii. The plastic crisis impacting our oceans has been thoroughly documented, and given the harmful decision-making by the federal government regarding environmental concerns at this time, I believe that acting swiftly and decisively at the state level is of paramount importance. As a resident of Ewa Beach, the oceans are such a critical part of our community and deserve the fullest conservation protections possible, including an elimination of single-use plastics.

Testimony Attachment

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IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 9:24 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Kristan Williams
Phone 541-326-9755
Email kkellyimages@hotmail.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Aloha,

I am writing to support Bill 40. Please consider this as an urgent matter and not a trend. I am so thankful bills like this are being added to agenda's so we as a community can express how important this is. As you know, plastic pollution is a growing concern and if we as a greater force, show the rest of the world that Hawaii cares about their oceans, the rest will follow.

Written
Testimony

I am sorry I am unable to testify in person since I live in Oregon. I vacation in Hawaii often, your beaches are amazing, until I find plastic. I am sorry a lot of the pollution comes from other places, but you can help reduce the plastic waste by banning it there first.

Thank you for your consideration.
Mahalo nui,
Kristan

Testimony
Attachment
Accept Terms
and Agreement

1

IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 8:31 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Kari Goodbar
Phone 6789833338
Email kgoodbar90@gmail.com
Meeting Date 09-03-2019
Council/PH Committee PublicSafety
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Aloha,

My name is Kari Goodbar. I am a resident of Palolo Valley and today I wish to voice my full support for Bill 40 which would phase an end to single-use plastic straws, utensils, bags, and foam and thus eliminate a significant source of plastic pollution at the source.

Written
Testimony

I am an animal care specialist at Dolphin Quest Oahu and secretary for the Executive Committee of Surfrider Foundation's Oahu chapter. I spend my weekends cleaning our beaches and attempting to quantify endless amounts of marine debris and I spend my work week caring for and studying marine mammals. In addition to animal care, the most important aspect of my job is educating people about marine animals and the threats they face in the wild. Amongst a myriad of human induced threats to our oceans, the biggest issue that we highlight and encourage our guests to take action on is plastic pollution. The problem with polystyrene and other single use plastics is that it isn't compostable and degrades into fragments. These fragments are impossible to clean up and easy for animals at all levels of the food chain to mistake as food and ingest. Dolphins and other marine mammals swallow their food whole, so ingestion of these materials is simple and instantaneous. This material is a plague on our ocean ecosystems because an item that is designed to be used once for mere minutes remains in the environment forever. Just today I read an article that told an all too common story; it was about a rare species of whale that died from ingesting plastic that its body could not digest. An excerpt from the National Geographic article is as follows:

"The curvier beaked whale, a young male about 15 feet long and weighing 1,100 pounds,

likely died of starvation and dehydration brought on by the 88 pounds of plastic stuffing its belly. Whales absorb water from the food they eat, and there was no sign that any food had made it into its intestines for many days. Its body was destroying itself from the inside: Its stomach acid, unable to break down the plastic waste, had worn holes through its stomach lining instead."

Every day I look into the eyes of our healthy, thriving dolphins - who I love as deeply as my own human family members - and think about the threats they would face if they were out in the ocean. I think about them meeting the same fate of this curvier's beaked whale (a rare species that also inhabits the Hawaiian Islands as well), continually eating yet continually starving all because humans refuse to find a way to reduce our dependence on plastic. It is heartbreaking beyond description.

In my everyday job as an educator, I focus on plastic pollution because it is an area where small actions by a large number of individuals can actually have a huge impact. When I share this information with my guests who come to meet the dolphins or people who are joining a beach clean-up for the first time, they are horrified at the impact our societal mentality of "disposable" convenience is having on our oceans. I share with them ways that they can help make a positive difference, such as avoiding these single use plastics or choosing products with alternative materials such as glass or cardboard. These are simple actions people might not have considered before but they are actions that people are highly receptive to and eager to adopt.

My wish today is for our laws and legislation to emulate the personal responsibility our public is already taking. In Hawai'i, we are blessed to be constantly surrounded by and connected to nature. I hope that the state of Hawai'i can lead the example for the rest of the nation in protecting and preserving the fragile ecosystems that support our very existence. Please help stop a major source of pollution at its source by Bill 40 today. Thank you for your time and consideration.

Respectfully yours,
Kari Goodbar

Testimony
Attachment
Accept Terms and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 7:13 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Nichole Sappe
Phone 8087825214
Email nickisappe@yahoo.com
Meeting Date 06-21-1985
Council/PH Committee PublicSafety
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony

Single use plastic should be banned on the islands for many reasons, here listed are a few of my opinions.
Single use plastic is harmful to marine life and all other animals as well as hurtful to us in our drinking water. Not to mention the harm it's doing in the landfills and one cannot even walk down the road without seeing plastic food containers littering our beautiful streets.
Please support our cause

Testimony Attachment

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IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 6:50 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Blake Thompson
Phone 847-651-3902
Email b.thompson1222@gmail.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony

Aloha, my name is Blake Thompson and I support Bill 40. There is a growing level awareness of the issue of plastic pollution and I would like to see Oahu set an example for others to follow by phasing out single use plastics. As a marine biologist and diver I've seen the impact marine debris firsthand more times than I can count. When alternatives are so easily accessible and readily available it's hard to justify the environmental impact of single use plastics for the sake of convenience. I'd also like to see this bill amended to include a ban on polystyrene takeout containers and disposable plastic shopping bags at farmers markets for loose produce.

Thank you for your consideration,
Blake Thompson

Testimony Attachment

Accept Terms and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 6:47 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Rosanna Salois
Phone 7605937022
Email Saloisjeanne@gmail.com
Meeting Date 09-03-2019

Council/PH
Committee PublicSafety

Agenda Item Plastic ban

Your position on
the matter Support

Representing Self
Organization

Do you wish to
speak at the
hearing? No

Written
Testimony Please ban plastic bags and food containers all across Hawaii! All around Oahu at the beaches there are always pieces of plastic on the beach. When I go diving, I'm always taking out pieces of plastic from the ocean. Animals die all the time because of this. We must work to limit our use of plastics and this bill will ensure we are doing our part in Hawaii. Think of your children and your children's children! What earth do we want to leave for them?
Mahalo

Testimony
Attachment

Accept Terms and
Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 6:20 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name	Isabela Ure
Phone	8084983065
Email	Isabelaure02@gmail.com
Meeting Date	09-03-2019
Council/PH Committee	PublicSafety
Agenda Item	Bill 40
Your position on the matter	Support
Representing	Self
Organization	
Do you wish to speak at the hearing?	No
Written Testimony	
Testimony Attachment	
Accept Terms and Agreement	1

IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 5:51 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Justin Gee
Phone 650-889-9078
Email attleborokid@yahoo.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No
Written Testimony Single-use plastics need to be ban!! Plastic is killing ocean wildlife and getting into our food and drink. Alternatives to single-use plastics need to be used now!
Testimony Attachment
Accept Terms and Agreement 1

IP: 192.168.200.67

Testimony
September 3, 2019
By: Tanya Torres

Bill 40 - RELATING TO PLASTIC

Members of the committee:

I support Bill 40 because I want Hawaii to phase out single use plastics. I am sick and tired of spending my own time and money cleaning up these materials that I try extremely hard to stay away from. Plastics are polluting our oceans, coastlines, and streets. It's also been found in the air we breathe, the water we drink and the food we eat. Not only is it toxic to my health, but I am also paying my hard earned money through taxes to repeatedly "clean up".

The World Wildlife Fund just recently found out that the average person could be ingesting approximately 5 grams of plastic every week. Plastic is highly toxic especially once in the water and an increasing amount is making their way into our seafood chains. The long term effects of plastic ingestion is not well documented but have the potential to be very harmful. The way we can eliminate/lessen this health risk is to stop producing plastic, not just clean it up. Cleaning is not the answer. We have been spending thousands of taxpayers dollars cleaning.

A study in California found that San Diego County, with a population of 1.3 mil (Hawaii 1.4 mil), was spending \$14 million alone on plastic clean up. Hawaii is probably spending around the same. Imagine where that money could be going to instead. As a taxpayer, I would love to see my money going to something more meaningful. Those businesses who argue that they can't afford to switch to a better material are not excluded when it comes to paying to clean up their mess up. We are all paying to clean it up, business owners and civilians alike.

Cleaning up is a very reactive solution when we need a proactive solution. Hawaii has an amazing opportunity here to phase out the use of these products. If we were to cut back as a state, we would be making a huge difference for the climate, the environment, and our people as well as set an example for the rest of the world.

Thank you for the opportunity to testify in support of this important measure.

From: CLK Council Info
Sent: Monday, September 02, 2019 5:47 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Sunshine Eckstrom
Phone 9514275738
Email Silvercanyonequine@gmail.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

Plastic pollution is a big problem in Hawaiian waters and worldwide. It is a threat to countless species and ecosystems and therefore ultimately a threat to humankind. Please support the proposed ban on single use plastics and consider amending the bill to expand that ban to include polystyrene takeout containers and single use plastic bags used at farmer's markets.
Thank you!

Testimony
Attachment

Accept Terms
and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 8:05 AM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Ana Giliberti
Phone 18085176412
Email anamgiliberti@gmail.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Dear council members:

Written
Testimony

It is time that Honolulu join other main cities of the entire world to address the issue of plastic pollution.

An extensive array of studies and scientific literature has determined that our addiction to plastic has become a burden to our oceans and our landfills as it never can degrade. Plastic and other toxic materials such as styrofoam or polyethylene get carried by the wind to our streams and ocean waters killing wildlife, and have been found in fish consumed by humans, and it's now a health safety concern.

I urge you to ban single use plastics and single use polyethylene as it consists of a safety hazard to humans, the environment and wildlife. Most of these plastics can't be recycled and are ending up on a landfill where they are being burned causing an ever increasing damage to our planet by causing carbon emissions and further contributing to climate change. Please take the step to ensure our Hawaiian Islands are safer for future generations. Thank you.

Testimony
Attachment
Accept Terms and Agreement 1

From: CLK Council Info
Sent: Monday, September 02, 2019 4:18 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name	Robbin Keenan
Phone	5852300801
Email	angelrob17@gmail.com
Meeting Date	09-04-2019
Council/PH Committee	PublicSafety
Agenda Item	Bill 40
Your position on the matter	Support
Representing Organization	Self
Do you wish to speak at the hearing?	No
Written Testimony	As a visitor to your beautiful island, and a scuba diver, I would be so happy to see as much single use plastic as possible banned from your lovely land.
Testimony Attachment	
Accept Terms and Agreement	1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 8:08 AM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Mark
Phone +1 406-370-9518
Email The2goofs@msn.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

My wife and I have been visiting Hawaii for many years now and plan on continuing to do so for years to come. Sadly, however, the more we get to know Oahu, we are seeing more and more trash in various island waterways, which takes so much away from the native beauty of the place. Banning the use of single use plastics can be a great start in reversing this serious problem. And, suffice it to say, if the Hawaiian Islands can't stand together in unity on this issue, I see little hope for this kind of movement gaining widespread support here on the mainland for this reason. If folks in the middle of the Pacific don't ultimately care, why should the rest of us?

Testimony
Attachment
Accept Terms and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 3:55 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Will Cattell
Phone 808 347-2333
Email SeaMonkea@gmail.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony I live in Mililani Mauka, and believe we must put a stop to poluuting our makai, mauka, island and home. This will only benefit us all. Personally and professionally.
No one wants to visit a place that is beautiful in photos, then our beaches are covered in plastic and polystyrene trash. Not to mention we are kiling are sealife. Please do the right thing. There is nothing but an upside to leading the way in an eco friendly Hawaii. Mahalo & Aloha□□

Testimony
Attachment
Accept Terms and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 3:33 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Katie Williams
Phone 6505578323
Email fiberopticnow@gmail.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

I visit Oahu at least once a year, and have stayed there for up to 3 months at a time. As a tourist to the island, I was very disappointed at Waikiki beach to see so much plastic pollution, including many plastic bottles and bags in the water, on the beach, and overflowing out of public garbage cans. I was further devastated to see pollution at Hanuama Bay and on the North Shore of Oahu. It seems that single use plastics are used throughout the island by locals as well as the overwhelming number of tourists that visit. Why not ban these items so that no one can get them? And so they will not make their way to the ocean. Tourists support this ban.

Testimony
Attachment
Accept Terms and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 2:39 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Mandy Brown
Phone 9727417794
Email mandyyyyyrae@hotmail.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony Plastic pollution devastates all wildlife and pollutes natural habitats across the globe. It is our responsibility to stop the overflowing tide of plastic waste and become more conscious of how we treat the Earth, for we only have one. Please amend Bill 40 so that it includes a ban on all polystyrene foam food and drink containers. Please also amend the bill so that it closes the loophole that exempts plastic checkout bags, creating a complete ban on plastic checkout bags (no exemptions) on Oahu.

Testimony Attachment

Accept Terms and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 1:58 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Hannah Mizuno
Phone 8083423514
Email Hannahmizuno22@gmail.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony We can not afford to continue producing single use plastics. The consequences are detrimental, and banning the production of single use plastic should've been banned decades ago. Take action O'ahu. We need the state to prioritize the health and safety of our community.

Testimony
Attachment

Accept Terms and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 1:55 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name	Laura
Phone	8082555810
Email	Lauramoon8o8@gmail.com
Meeting Date	09-04-2019
Council/PH Committee	PublicSafety
Agenda Item	Bill 40
Your position on the matter	Support
Representing	Self
Organization	
Do you wish to speak at the hearing?	No
Written Testimony	
Testimony Attachment	
Accept Terms and Agreement	1

IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 1:13 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name	Alicia Jolley
Phone	8012349755
Email	alicia_jolley@yahoo.com
Meeting Date	09-04-2019
Council/PH Committee	PublicSafety
Agenda Item	Bill 40
Your position on the matter	Support
Representing Organization	Self
Do you wish to speak at the hearing?	No
Written Testimony	Banning single use plastics is a step in the right direction. We see the effects every day wash up on our beaches every day!
Testimony Attachment	
Accept Terms and Agreement	1

IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 1:07 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Amy Cady
Phone 8083886146
Email a.cady@yahoo.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Aloha,

My name is Amy Cady. I live in Ewa Beach and I SUPPORT Bill 40.

Disposable and single-use-plastics are extremely harmful to our oceans, planet, and countless species—including humans. We are a convenience-centered culture and it is costing us and future generations. I respectfully and admirably ask for you to continue to move forward with your example of creating impactful change, including, but not limited to, the proposals listed in Bill 40.

Written
Testimony

Please consider amending the bill to include a ban on takeout polystyrene containers, which crumble easily into tiny pieces, and are among the worst pollutants of our ocean. Alternative, truly compostable containers are already manufactured and available in stores and online. Additionally, I would like to see a ban on disposable plastic bags used at farmer's markets for loose produce. It is the rare person who reuses these single-use bags, and instead, throws them away. Not to mention, they are not typically a #1 or #2 "recyclable" plastic here in Hawaii.

Mahalo for the hard work you're doing, and the not always popular decisions you are making, for the greater good.

Sincerely,
Mrs. Amy Cady

From: CLK Council Info
Sent: Monday, September 02, 2019 11:54 AM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Michaela Johnson
Phone 8082687350
Email michaela.johnson.04@gmail.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Hello, my name is Michaela Johnson, and I support Bill 40.

Plastic pollution is a serious problem facing our planet, countless species, and our communities. I would like to see Oahu take its next big step by passing this bill and phase out single-use plastic.

Written Testimony

I am requesting for the bill to be amended, as well, to include a ban on polystyrene takeout containers and disposable plastic checkout bags used at farmers markets for loose produce.

Thank you for your consideration,
Michaela

Testimony
Attachment

Accept Terms and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Monday, September 02, 2019 10:44 AM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Jeanne Herbert
Phone 9252127709
Email Jeannebherbert@gmail.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item 19-188, CD1
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

Question: How much tourism is too much?

Answer: When it severely impacts the lives of residents.

I live in the Diamond Head/Kapahulu area and tour helicopters and fixed wing aircraft disrupt my life, all day, every day, at least 12 hours a day. The constant loud noise of aircraft passing over my home, in front of it and behind it at low altitudes creates a constant high decibel stressful sound. It disrupts conversations, sleep, breakfast, lunch, dinner, quiet time (no more) and even television programs. Friends from around the island speak of their frustration about this noise pollution and their stories have a common thread: it is too much and too loud. It is invasive and it is stressful. It is potentially dangerous. A volunteer at Pearl Harbor finds it difficult to conduct tours because of the loud noise of helicopters buzzing overhead; horses at a riding school are being spooked by low flying helicopters and endangering students; families are buzzed by helicopters as they spend the day at the beach or at the park. The distress expressed has a common theme: too much noise and too many safety concerns. The stories I've heard from friends wrap around the island of Oahu. We are being barraged by air tours and we want our representatives to take a stand to help us take back our lives. The helicopter companies cry that they will lose income and jobs. That is not a valid argument. Residents have complained for years, and what did the helicopter companies do? They expanded their operations, continued to fly low and loud and aggressive. They have made NO attempt to work with the community. I fully support resolution 19-188 and I urge members of the City Council to pass the resolution.

Testimony
Attachment
Accept Terms
and Agreement

1

From: CLK Council Info
Sent: Monday, September 02, 2019 10:36 AM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Mackenna Cady
Phone 8087248354
Email kennaaloha@gmail.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Aloha,

My name is Mackenna Cady and I am in strong support of Bill 40.

I help host monthly community cleanups around Oahu with my friends and coworkers, and I've seen firsthand how hefty Oahu's plastic pollution problem is. Cleanups are fantastic for raising awareness and removing debris off of the beach, but it's not enough to stop this plastic epidemic. We need to restrict the amount of disposable plastic products available in the first place (we need to "turn off the tap", per se), so less plastic is used and disposed of, and therefore less ends up polluting our beautiful beaches and essential underwater ecosystems.

Written
Testimony

It's also worth noting that virtually ALL plastic is sourced from fossil fuels and is therefore contributing to the climate crisis, which I strongly believe is the biggest threat facing my generation today.

I'm requesting that this bill be amended to place a ban on polystyrene takeout containers, as well, as many studies are revealing not only the environmental consequences of polystyrene, but health risks as well when eating or drinking out of polystyrene products. Maui and Big Island have already done this and it'd be amazing if Oahu could also follow this example. I sincerely hope you'll consider adding this to the bill.

Please help Oahu be a global environmental leader by passing Bill 40.

Thank you for taking the time to read my testimony and thank you immensely for your consideration.

Mackenna Cady
Ewa Beach, Hawaii
19

Testimony
Attachment

Accept Terms and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 8:16 AM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name	Stephanie Cass
Phone	7606170332
Email	Scass.feini@gmail.com
Meeting Date	09-04-2019
Council/PH Committee	PublicSafety
Agenda Item	Bill 40
Your position on the matter	Support
Representing	Self
Organization	
Do you wish to speak at the hearing?	No
Written Testimony	Let's get rid of the single use plastics yay!
Testimony Attachment	
Accept Terms and Agreement	1

IP: 192.168.200.67

From: CLK Council Info
Sent: Friday, August 30, 2019 8:52 PM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name	Troy Schacht
Phone	808635-8677
Email	troyjoylove@yahoo.com
Meeting Date	08-29-2019
Council/PH Committee	PublicSafety
Agenda Item	Bill 40
Your position on the matter	Support
Representing	Self
Organization	
Do you wish to speak at the hearing?	No
Written Testimony	I am testifying in SUPPORT of Bill 40
Testimony Attachment	
Accept Terms and Agreement	1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 8:33 AM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Kate Reimann
Phone 2484625552
Email kate.reimann@gmail.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

Bill 40 is the first step in stemming the plastic tide that has been detrimental to both human and environmental health. Oil extraction and refinement are among the US's top 5 CO2 emitters. Once we turn that refined oil into plastic, it doesn't ever disappear. Instead, it breaks down into smaller and smaller pieces, consumed by animals, now humans, and bioaccumulating in our oceans and reefs - to our great detriment. Hawaii can become a leader in conservation by using the facts of plastic pollution, the consequences it has on human health, tourism, and public safety by supporting the continuation of this bill.

Testimony
Attachment

Accept Terms and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 8:45 AM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name	Caroline Skinner
Phone	7045601353
Email	caroline.skinner@yahoo.com
Meeting Date	09-26-2019
Council/PH Committee	PublicSafety
Agenda Item	Bill 40
Your position on the matter	Support
Representing	Self
Organization	
Do you wish to speak at the hearing?	No
Written Testimony	I am in support of Bill 40 because I want to see the preservation of our environment
Testimony Attachment	
Accept Terms and Agreement	1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 8:32 AM
Subject: Business, Economic Development and Tourism Speaker Registration/Testimony

Speaker Registration/Testimony

Name	Carlye Runyon
Phone	808-366-4093
Email	Carlyeannemalie@gmail.com
Meeting Date	09-03-2019
Council/PH Committee	Business
Agenda Item	Bill 40
Your position on the matter	Support
Representing	Self
Organization	
Do you wish to speak at the hearing?	No
Written Testimony	
Testimony Attachment	
Accept Terms and Agreement	1

IP: 192.168.200.67

Thank you for the opportunity to submit testimony in support of Bill 40. The bill identifies plastics and litter as a problem, and recognizes the City and County of Honolulu as a leader in waste management programs. The plastics and litter also causes blockages in our stormwater infrastructure, exacerbating public safety emergencies such as the flooding that occurred on April 13, 2018. The phasing out of single-use plastics would help address some of those problems.

As an engineer in Hawaii, I understand the tremendous task the city faces with managing plastic pollution, especially in its stormwater facilities – catch basins, streams, and storm sewers. In 2018, the city's Department of Facility Maintenance completed their Trash Reduction Plan Baseline Load Study Final Report, which it is obligated to complete under the Clean Water Act and National Pollutant Discharge Elimination System (NPDES) permit. There are two key findings that are relevant to Bill 40.

1. Over 28% of the trash that was sampled was either plastic materials (not including recyclables) and polystyrene foam
2. The city must develop a short-term plan and proposed compliance deadline for reducing debris discharges by 50% from the baseline load developed in the study. The deadline for reduction debris by 50% is 2023.

In addition to the obvious and apparent impacts of single use plastics on our environment, communities, and stormwater infrastructure, there appears to be an urgency to reduce the flow of plastics and polystyrene foam in order to meet the obligations of the Clean Water Act and NPDES permit. Phasing out single use plastics and foam, by passing Bill 40, would help the city meet those obligations.

Phasing out single use plastics and foam could appear to have a negative impact on some of our local businesses. However, there are numerous local examples of businesses that operate and thrive without single use plastics and foam, as evidenced by the Ocean Friendly Restaurants Hawaii program, which has certified and promoted restaurants that do not use single use plastics and foam. Examples of those restaurants include Duke's, Highway Inn, Leahi Health, Umeke Market, and dozens of other locally owned restaurants.

Lastly, there is a cost associated with keeping all the stormwater infrastructure clear of debris. Controlling the source of debris (by passing Bill 40) would reduce the cost of clearing debris that the city is paying. These costs are passed on to taxpayers like my family. The cost to taxpayers is only going to increase unless something is done. According to National Geographic, nearly half of all plastic ever manufactured has been made since 2000! We are using plastic at an exponentially increasing rate. How are we going to afford to clean up all this additional waste?

Please pass Bill 40 and help us to keep single use plastic and foam under control and out of our communities.

Sincerely,

Jordan Fahmie
Puunui, Nuuanu Valley, Oahu

From: CLK Council Info
Sent: Tuesday, September 03, 2019 8:34 AM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name Pastor David Cady
Phone 808-388-6147
Email Dcady97@gmail.com
Meeting Date 09-04-2019
Council/PH Committee Council
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony

Aloha,
I support bill 40 to reduce single use plastics and I respectfully ask you to do the same. Plastic rubbing has become a stain on our beautiful island. We now know that it is also related to environmental and health concerns that any responsible government must address. There is a large and growing population interested in seeing decisive action and many have made that interest a top request of its elected representatives. We are looking for leaders and spokespersons. Over the past several years, I have changed my behavior, sometimes at cost and inconvenience, to help do my part: cut out single use water bottles, volunteer at monthly beach clean ups, take my own utensils to avoid using plastic ones, etc. My church has replaced styrofoam coffee cups with reusable mugs, replaced plastic water cups with paper, regularly ask our members to reduce their plastic use, replaced plastic utensils used for potlucks with metal, and participate in monthly beach clean ups. I, and we, care and are willing to change for the better. For the future. Even many businesses have voluntarily made similar changes and I've rewarded them with my business and loyalty. We need the power of legislation to help propel society forward. Please amend Bill 40 to add the reduction/prohibition of styrofoam cups and containers. There are alternatives. Support Bill 40 with your vote and your voice.

Respecfully
David Cady

From: CLK Council Info
Sent: Tuesday, September 03, 2019 8:43 AM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name	Caroline Skinner
Phone	7405601353
Email	caroline.skinner@yahoo.com
Meeting Date	09-04-2019
Council/PH Committee	Council
Agenda Item	Bill 40
Your position on the matter	Support
Representing	Self
Organization	
Do you wish to speak at the hearing?	No
Written Testimony	I am in support of Bill 40 to help preserve our environment
Testimony Attachment	
Accept Terms and Agreement	1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 8:49 AM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name Christian Robbins
Phone 8082231916
Email christianrobbins128@gmail.com
Meeting Date 09-04-2019
Council/PH Council
Committee
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No
Written Testimony My name is Christian Robbins. I am a 17-year-old student from Kailua. As a member of the generation that will inherit this planet, I strongly support this bill.
Testimony Attachment
Accept Terms and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 8:50 AM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Louise Sper
Phone 3109011921
Email louisesper@gmail.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

Aloha Chair Waters and Members of the Public Safety & Welfare Committee. I live in Makiki, and I am testifying in support of Bill 40, as it is critical for our island to stop using foam, utensils, and straws if we want to continue to have a beautiful island for our residents/community and tourists. With so many tourists visiting our island each year, their contribution to single use plastics is horrendous, and they are probably oblivious to it. By enforcing all food/drink service-related businesses to serve in environmentally responsible/sustainable products would reduce our island's landfill significantly and can inspire the rest of the world to preserve the beauty and minimize trash and waste that harms the environment. These businesses can pass along the nominal charge to consumers and if all businesses were required to do so, there wouldn't be any impact on their businesses or costs as it'd be standard for everyone to comply. Thank you for thinking about the long-term welfare and needs of our home! Louise Sper

Testimony
Attachment

Accept Terms and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 9:00 AM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name Ted Bohlen
Phone 808 294-3689
Email Tbohl8@yahoo.com
Meeting Date 09-04-2019
Council/PH Committee Council
Agenda Item Bill 40
Your position on the matter Support
Representing Organization Self
Do you wish to speak at the hearing? No

Written Testimony

Please ban the plastic products listed in Bill 40 and amend the bill to also ban polystyrene foam products. They are harmful to human and animal health and contribute to litter. Most plastic comes from fossil fuels, contributing to the climate crisis. It is time for Honolulu to join other counties and cities and eliminate unsustainable plastics use.

Testimony Attachment

Accept Terms and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 9:22 AM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name Amelia Lucas
Phone 4438462568
Email ameliajlucas@gmail.com
Meeting Date 09-04-2019
Council/PH Committee Council
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Aloha Committee Members,

Written
Testimony

I am writing in strong support of Bill 40 due to the innumerable negative impacts of plastics on our public health, climate, natural environment, and economy. Single use plastics have become ubiquitous across Hawaii, the U.S., and the globe in a relatively short period of time. Their impacts, in contrast, are occurring today and will endure endlessly into the future without immediate action. Plastic materials themselves pose a significant health risk through ingestion by marine and terrestrial animals and humans and environmental risk through leaching toxic chemicals. Moreover, the cost of cleaning up plastic debris and processing plastic trash diverts funding from other projects that serve the public good. The production of plastic is just as detrimental, requiring the input of fossil fuels to manufacture and transport these single-use materials and producing immense greenhouse gas emissions in the process.

The development and widespread availability of cost effective alternatives to single use plastics, such as compostable and reusable containers and utensils, make the transition away from plastics accessible to diverse consumers. Utilizing these more sustainable options is not new; it was the standard before the emergence of polyethylene, polystyrene, and other synthetic plastic polymers. It is past time to make this the norm once again.

Hawaii is leading the charge for sustainability through ambitious goals related to renewable energy, transportation, local food, and natural resource management. The ban of single-use plastics is a logical next step; with the passing of Bill 40, the City and County of Honolulu will serve as model for the rest of the state, nation, and world to emulate.

Mahalo for your consideration,
Amelia Lucas

Testimony
Attachment
Accept Terms
and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 9:27 AM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name Lisa Bishop
Phone 808 748-1819
Email lisa.fohb@gmail.com
Meeting Date 09-04-2019
Council/PH Committee Council
Agenda Item Bill 40
Your position on the matter Support
Representing Organization
Organization Friends of Hanauma Bay
Do you wish to speak at the hearing? No

Aloha Chair Andersen, Vice Chair Kobayashi, and City Councilmembers,

Written
Testimony

Friends of Hanauma Bay strongly supports the reduction of single use plastics and polystyrene. Mitigating this type of "convenience pollution" on Oahu will result in a measurable improvement to our fragile near-shore marine environment and the quality of life of marine wildlife.

Thank you for the opportunity to testify in Support of Bill 40.

Mahalo,
Lisa Bishop
President
Friends of Hanauma Bay

Testimony
Attachment
Accept Terms
and Agreement

1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 9:44 AM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name Siena Schaar
Phone 3104279509
Email Schaar@hawaii.edu
Meeting Date 08-04-2019
Council/PH Committee Council
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Aloha members of the council:

Written
Testimony

I am writing this testimony in strong support of Bill 40 - as a bid to limit O'ahu's overall impact on the planet due to reliance on fossil fuels and plastics. With climate change and global anthropogenic impacts worsening over the years, there is no better time than now to limit our input into this climate crisis. Limiting plastic use and availability now will limit our contribution and hopefully set an example to other countries and communities, but most importantly it will set an example for our keiki.

Please pass this bill on.

Mahalo,
Siena Schaar
Kalihi-Palama constituent

Testimony
Attachment
Accept Terms
and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 9:51 AM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name Debbie Dombrosky
Phone 808-779-4328
Email tsukenjo705@gmail.com
Meeting Date 09-04-2019
Council/PH Committee Council
Agenda Item Bill 40
Your position on the matter Oppose
Representing Organization
Organization Tsukenjo Restaurant
Do you wish to speak at the hearing? No

Dear Councilmembers,

I am very concerned to hear about the potential ban of plastic materials in restaurants. 100% of my orders are to-go orders. I work in downtown and serve working class people who are picking up food for breakfast or for lunch.

We serve traditional Hawaiian food, which as you know, has a lot of flavor in the sauce.

This ban hurts small businesses like mine that serve Hawaiian food and that serve working class people.

Written
Testimony

I read through other letters that other restaurants wrote in support of this plastics ban. And, I could not believe that some restaurants were saying that it was an easy switch for them to go plastic-less. And then I realized it is because they serve upper middle class people and do not serve Hawaiian food.

For example, at high end coffee shops, they serve coffee for \$4.00. I serve a cup of coffee at \$1.25.

This ban disproportionately hurts the little guys. And it disproportionately hurts the businesses that serve traditional Hawaiian food.

Of course I want to take care of the environment. But, I want you to understand that when you are barely struggling to stay afloat economically, it is very challenging to do so.

Bans like this will cause the small mom and pops who serve the working class to go out of business. My old neighbor on Cooke Street in Kaka'ako, Cooke Street Diner, went out of business for these same reasons. We need to give the working class options that are not just unhealthy fast food chains.

I do hope that you hear my side of the story.

Debbie Dembrosky
Owner, Tsukenjo

Testimony
Attachment
Accept Terms
and Agreement 1

IP: 192.168.200.67



1050 Queen Street, Suite 100, Honolulu, HI 96814
Telephone: 808.206.8446 - Email: friends@kanuhawaii.org - <http://www.KanuHawaii.org>

Council Member Ikaika Anderson, Chair
Council Member Ann Kobayashi, Vice Chair
City & County of Honolulu Council Members

From: Kanu Hawaii

Date: Tuesday, September 3, 2019

Subject: Support for Bill 40 (2019), Relating to a Ban on Single Use Plastics

Aloha Honorable Council Members,

Kanu Hawaii would like to voice its **STRONG SUPPORT** of Bill 40 (2019). Kanu Hawaii has spent the last 12 years promoting reduction in our waste stream, protection of the environment and adoption of sustainable practices across Hawaii.

Our membership consists of over 19,000 individuals representing every zip code in Hawaii, with 85% of them residing within the City & County of Honolulu. Our members have made a commitment to the sustainable future of Hawaii starting with themselves and we encourage our elected leadership to represent our voices through the passage of Bill 40 (2019).

It is your kuleana to lead us, including the business community, in a way that honors all stakeholders, along with our world that is the foundation on which our economy is derived. Without forward thinking, bold and decisive action we are not doing the best we can for the future of Hawaii. We feel the passage of Bill 40 (2019) takes steps in a pono direction and puts us on all the path to a hopeful future that embraces malama and aloha 'aina.

Mahalo for your support of Bill 40 (2019),

Keone Kealoha
Executive Director, Kanu Hawaii

From: CLK Council Info
Sent: Tuesday, September 03, 2019 10:00 AM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name	Anne Weber
Phone	8084922150
Email	aweb3388@gmail.com
Meeting Date	09-04-2019
Council/PH Committee	Council
Agenda Item	Bill 40
Your position on the matter	Support
Representing Organization	Self
Do you wish to speak at the hearing?	No
Written Testimony	Plastic is costing cities, counties, states, & countries millions of dollars and our global economy billions. Costs are passed to the taxpayers by burdening our stormwater management systems with the need for expensive best management practices and the costs of cleanups.
Testimony Attachment	
Accept Terms and Agreement	1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 10:04 AM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name Laurien Nuss
Phone 8082585117
Email lalanuss@yahoo.com
Meeting Date 09-04-2019
Council/PH Committee Council
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony

Hawaii'i could be a global leader in transitioning to a green - clean society by once again centering and implementing the policies and practices from the principles and values of ALOHA AINA, love and care for natural resources. Plastics are now known around the world to be an outdated & increasingly dangerous modern technological convenience that must be transitioned in aligning with the other goals of Hawaii's and the world's vital sustainability endeavors.

Environmental & economic cost of plastics to the public - there are studies that show millions are spent to clean up stormdrains and beaches in cities of similar size. Sustainable Coastline Hawaii in 2019 alone has already accrued over \$150,000 in volunteer hours on just beach cleanups.

Plastics are entering our food systems, our own mouths and stomachs, our air, our water and our knowledge of the consequences is growing. You can read a recent report from WWF [here](#) that discusses how much we are all potentially ingesting per week. Nat Geo also added to this dialogue.

Plastics are made from fossil fuels - current trends would mean that 20% of global fossil fuel use will be allocated to plastics by 2050 with 12 billion tons of plastics in our landfills & environment (UN 2018). Additionally, a recent study from UH Mānoa researchers discovered that plastics in the ocean and on beaches (exposed to sun) are

releasing methane and that microplastics, due to more surface area, are largely responsible.

At every stage of its lifecycle, plastic poses distinct risks to human health, arising from both exposure to plastic particles themselves and associated chemicals. People worldwide are exposed at multiple stages of this lifecycle. Read the comprehensive analysis [here](#). - you can download the full study [there](#) as well.

Reefs which are vital to ocean balance and survival of all things on planet earth are being harmed by plastics globally. Because plastics bioaccumulate pathogens when in water (they are floating or sinking islands for pathogens to attached to) when they make contact with reefs (often scarring or cutting them) the corals can become diseased.

Many progressive cities and societies around the planet have already implemented a ban on plastics due to the obvious and proven outcomes. Support Hawaii in becoming a leader in all forms of sustainability to continue to strive towards being locally prosperous and globally relevant.

Testimony
Attachment
Accept Terms
and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 10:18 AM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name David Chee
Phone 808-554-6859
Email davidkschee@hotmail.com
Meeting Date 09-04-2019
Council/PH Committee Council
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization

Do you wish to speak at the hearing? No

Please pass bill 40 and protect the safety and welfare of the public.

Please take action to reduce our carbon footprint and help maintain a healthy earth for us and future generations.

Written Testimony Your leadership can show the uninformed that their habits of convenience should not come at the expense of our Aina.

Thank you very much.

Sincerely,
David Chee

Testimony Attachment

Accept Terms and Agreement 1

IP: 192.168.200.67

Aloha members of the council,

I am writing you as a small business owner in **SUPPORT** of Bill 40, which seeks to address the provision of certain single-use plastic goods and plastic bags.

I am currently in the process of opening a fully zero waste store myself, Protea Zero Waste Store. Although my business is not in the restaurant or food service industry, it is in the cosmetic and cleaning product industry, which some would say is an even harder transition to make away from single-use plastics. I am taking a risk with this business. My prices, unfortunately, will not be comparable to stores selling similar products, but I have done my market research and found that people are willing to pay a little more knowing that the added cost is going to benefit the environment.

I am sure you have seen and heard the detrimental effects that single-use plastics have on our environment, but we are finally learning about and acknowledging the effects it has on public health. From being present in our food sources and in our bodies, to contributing to global greenhouse gas emissions, as well as being a potential cause for flooding during natural disasters or heavy rain events, single-use plastics are a threat to public health and welfare.

Another issue no one seems to be talking about is the threat to communities near petro-chemical facilities, where plastics are made. I am from Houston, Texas. My family lives in Houston, Texas. Texas is the leader in the world for petro-chemicals facilities. Houston is the leader in the nation for petro-chemical facilities. Within this last year alone there have been nearly 6 major explosions and fires in the Houston-area at petro-chemical facilities, some fires lasting weeks at a time. There have been deaths and even more injuries reported. Air in the Houston area has had more days than not of poor/unhealthy air quality. This is the air that my family is breathing, my nephews ages 1 and 3 are breathing. While this may not be in our back yard, it is in someone else's and until we recognize and make this switch away from single-use plastics we are **DIRECTLY** contributing to the suffering of others.

Within the next 7 years, there are 300 new or updated petrochemical facilities planned for the United States alone. Who knows, this could be us one day. Someone coming to invest money for jobs in Hawaii and throws a petro-chemical facility over on the west side. Then how would we feel about plastics?

Not only ALL of this, but I'm paying my hard-earned tax dollars to clean up all the plastic in our streets, ditches and beaches. This is an unnecessary cost to tax payers.

Honolulu has the opportunity to be a leader for the state, for the nation, and for the world – that is the city I know Honolulu truly can be. I urge you to pass Bill 40 and let's end this debate of single-use plastics and move on to become a better city all around.

With aloha,
Lori Mallini
Owner of Protea Zero Waste Store



Aloha City Council Members,

I am writing this testimony in support of Bill 40. I am a biologist that works in the freshwater and marine biology field in Honolulu and urge the council that the longer Hawaii continues producing and consuming single-use plastic (for which there now exist viable alternatives), the more plastic fragments we will contribute our ecosystem. If Honolulu was to begin phasing out single-use plastics, we would serve as a model for the rest of the country, showing that it is possible to function in a thriving economy while still grabbing food and products on the go and only using bring-your-own containers or using home-compostable packaging.

Imagine living in a world, where if by mistake, your disposable cup or lunch plate container blows out of the trash, you can still be assured that it will compost or breakdown naturally in the soil, stream or nearshore waters, without causing harm to any organisms if ingested. There are some organizations and companies in Hawaii that have held events or sell products, that previously served drinks and food in plastic containers, but have now switched over to these types of sustainable products. Examples include Kokua Festival (a plastic-free concert held at the Waikiki Shell), Down to Earth natural food store (with home- compostable hot-bar to-go boxes) and Manoa Chocolates (with home-compostable cellulose cellophane wrapping).

If these relatively small companies can make the switch, it must be possible and feasible. The last Kokua Festival served food on compostable plates and had compost receptacles to dispose the plates in after. They served drinks in aluminum cans and had a recycling bin for the aluminum. All festival-going needs were met for thousands of people, with no trash left over at the end to blow into our waterways. For some of these products (e.g. compostable hot-bar to-go boxes and plates), you can take these products home and create your own compost, if you have a composter in your own backyard.

In 2019 there is ample research that shows that plastic has become increasingly ubiquitous in all areas of the freshwater and marine environment on Oahu. From the infamous beach on the windward shoreline of Oahu (Kahuku/James Campbell National Wildlife Refuge) which exponentially accretes plastic ocean debris each month (even after weekly/monthly debris cleanups), to the south shore which experiences the regular occurrence of daily accumulations of plastic trash blowing out trash cans and trash trucks, plastic is everywhere on this island. If you walk Waimanalo beach you would be hard pressed to find a patch of sand that does not have plastic fragments mixed in, as if it is another type of natural substrate.

This is a public health and welfare concern. We have all seen the photos of albatross, turtles, cetaceans (whales and dolphins), and fish that have ingested plastic, mistaking it for food-stuff. If we continue utilizing plastic we continue adding a chemical product that does not break down, but only breaks into a million pieces to be eaten by every organism in the ecosystem, including humans.

These plastic fragments are not edible, unfortunately they are toxic. They release greenhouse gasses and carcinogenic chemicals into the environment while being heated up by the sun, and they are not healthy to have in your own digestive system. If digestive blocks can occur in animals, then it can occur in humans. If the compounds found in plastics can leach into the tissues of animals, then they can impose the same harm on humans. We eat some of these animals being affected by plastics. And more importantly, we rely on the food chain as a whole, which may be affected at the very base levels all the way up to the top because of the sheer volume of microplastics available to ingest.

We have all seen the way an old plastic bag that's been sitting in the sun in nature begins to break into a million pieces after many years; we may have seen plastic-based shade cloth and camping/beach chairs in our gardens photo-degrade and disintegrate into a million pieces, from sitting in the sun. These smaller pieces don't degrade (they don't reconstitute themselves as an organic compound into the soil or dissolve); they just turn into smaller and smaller pieces of plastic, past the point of ever being able to be picked up by someone at a beach cleanup ever again. They become our new sand, our new plankton.

We are almost past the point of no return. There is so much plastic in the environment already, the most proactive and effective thing we can do is to curtail our plastic input the best we can, until we can find a solution to remove from the ecosystem what was generated and disposed of from the 1950's until now.

To keep utilizing plastic, for products that have really reasonable alternatives at this point, is kind of like turning down an incredible opportunity to restore a beautiful ecosystem.

There is some really incredible research being done in Hawaii right now by researchers at NOAA, UH, Hawaii Institute of Marine Biology, HPU and many others showing the incidence of microplastics in the Hawaiian ecosystem, and the ways in which animals interact with these plastics. This research includes studies which show that coral polyps ingest microplastic, mistaking them for plankton; that the rich sources of larval fish and crustaceans on the West Side of Hawaii (which in turn are the base food for many organisms and make their way up through all the trophic levels), are ingesting microplastic in their first stages of life; and that the ingestion of plastic by sea birds causes their digestive system to dysfunction. In addition, necropsies of certain cetaceans around the MHI have shown plastic bags/material to be found in their stomachs. A great study to look at, which really articulates and depicts the reality of the density of plastic in Hawaii's nearshore waters currently, was conducted by the National Oceanic and Atmospheric Administration (NOAA) in Honolulu, and is outlined in this National Geographic Article:

<https://www.nationalgeographic.com/magazine/2019/05/microplastics-impact-on-fish-shown-in-pictures/>

We have the opportunity as the City of Honolulu to reduce some of this plastic load into our environment, by using alternatives and phasing out unnecessary single use plastics. In doing so, we would show other cities that it is possible to still function and thrive as an tourism economy while using single-use plastic alternatives. These types of changes would also provide the opportunity for each person to consider whether it's necessary to use a single-use plastic product, which will persevere indefinitely in the ecosystem, for a single daily action.

Thank you very much for accepting my testimony, - Cathy Gewecke

Catherine Gewecke
5038055438
gewecke23@gmail.com
Bill 40
Support

From: CLK Council Info
Sent: Tuesday, September 03, 2019 8:52 AM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Pohai olomua
Phone 808.333.9024
Email Pohaiolomua@gmail.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony I am very aware of the negative impact on our environment caused by plastic and styrofoam. I support Bill 40. Businesses such as Kauai Beer Works, Holoholo Charters, and Farm to Barn have given their testimony on how the change out of plastics and styrofoam have been painless and well received. Please take the much needed steps to pass Bill 40.
Mahalo

Testimony Attachment

Accept Terms and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 9:01 AM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name	Anais Andrews
Phone	8314289574
Email	Aerial.anais@gmail.com
Meeting Date	09-04-2019
Council/PH Committee	PublicSafety
Agenda Item	Bill 40
Your position on the matter	Support
Representing	Self
Organization	
Do you wish to speak at the hearing?	No
Written Testimony	
Testimony Attachment	
Accept Terms and Agreement	1

IP: 192.168.200.67

Aloha City Council Members,

I am writing this testimony in support of Bill 40. I am a biologist that works in the freshwater and marine biology field in Honolulu and urge the council that the longer Hawaii continues producing and consuming single-use plastic (for which there now exist viable alternatives), the more plastic fragments we will contribute our ecosystem. If Honolulu was to begin phasing out single-use plastics, we would serve as a model for the rest of the country, showing that it is possible to function in a thriving economy while still grabbing food and products on the go and only using bring-your-own containers or using home-compostable packaging.

Imagine living in a world, where if by mistake, your disposable cup or lunch plate container blows out of the trash, you can still be assured that it will compost or breakdown naturally in the soil, stream or nearshore waters, without causing harm to any organisms if ingested. There are some organizations and companies in Hawaii that have held events or sell products, that previously served drinks and food in plastic containers, but have now switched over to these types of sustainable products. Examples include Kokua Festival (a plastic-free concert held at the Waikiki Shell), Down to Earth natural food store (with home- compostable hot-bar to-go boxes) and Manoa Chocolates (with home-compostable cellulose cellophane wrapping).

If these relatively small companies can make the switch, it must be possible and feasible. The last Kokua Festival served food on compostable plates and had compost receptacles to dispose the plates in after. They served drinks in aluminum cans and had a recycling bin for the aluminum. All festival-going needs were met for thousands of people, with no trash left over at the end to blow into our waterways. For some of these products (e.g. compostable hot-bar to-go boxes and plates), you can take these products home and create your own compost, if you have a composter in your own backyard.

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This is a public health and welfare concern. We have all seen the photos of albatross, turtles, cetaceans (whales and dolphins), and fish that have ingested plastic, mistaking it for food-stuff. If we continue utilizing plastic we continue adding a chemical product that does not break down, but only breaks into a million pieces to be eaten by every organism in the ecosystem, including humans.

These plastic fragments are not edible, unfortunately they are toxic. They release greenhouse gasses and carcinogenic chemicals into the environment while being heated up by the sun, and they are not healthy to have in your own digestive system. If digestive blocks can occur in animals, then it can occur in humans. If the compounds found in plastics can leach into the tissues of animals, then they can impose the same harm on humans. We eat some of these animals being affected by plastics. And more importantly, we rely on the food chain as a whole, which may be affected at the very base levels all the way up to the top because of the sheer volume of microplastics available to ingest.

We have all seen the way an old plastic bag that's been sitting in the sun in nature begins to break into a million pieces after many years; we may have seen plastic-based shade cloth and camping/beach chairs in our gardens photo-degrade and disintegrate into a million pieces, from sitting in the sun. These smaller pieces don't degrade (they don't reconstitute themselves as an organic compound into the soil or dissolve); they just turn into smaller and smaller pieces of plastic, past the point of ever being able to be picked up by someone at a beach cleanup ever again. They become our new sand, our new plankton.

We are almost past the point of no return. There is so much plastic in the environment already, the most proactive and effective thing we can do is to curtail our plastic input the best we can, until we can find a solution to remove from the ecosystem what was generated and disposed of from the 1950's until now.

To keep utilizing plastic, for products that have really reasonable alternatives at this point, is kind of like turning down an incredible opportunity to restore a beautiful ecosystem.

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<https://www.nationalgeographic.com/magazine/2019/05/microplastics-impact-on-fish-shown-in-pictures/>

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Thank you very much for accepting my testimony, - Cathy Gewecke

From: CLK Council Info
Sent: Tuesday, September 03, 2019 9:36 AM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name: Jeremy Strubel
Phone: (310)740-2588
Email: Jeremychris1@gmail.com
Meeting Date: 09-04-2019
Council/PH Committee: PublicSafety
Agenda Item: Bill 40
Your position on the matter: Support
Representing: Self
Organization:
Do you wish to speak at the hearing?: No

Written Testimony

Plastics are an epidemic that compromises life on earth as we know it. The presence of plastics in our food system and chemicals in styrofoam containers are a danger to public health and contribute to climate change. "Microplastics are not only toxic because of chemicals from manufacturing, but also because of the persistent organic pollutants they absorb from surrounding water. The toxins are not compostable or biodegradable and take up to 500 years to decompose.

A new study in the Journal of Environmental Science and Technology says it's possible that humans may be consuming anywhere from 39,000 to 52,000 microplastics particles per year. Researchers from John Hopkins studied the impacts of eating seafood contaminated with microplastics and found that they could damage the immune system and upset the gut's balance. As a place with a culture centered around the ocean and dependence on the food it provides, not only are we endangering the natural environment and the wildlife that calls it home, we are compromising human life as well.

Aside from toxic effects on human health, plastics contribute to global greenhouse gas emissions...through the life cycle of plastic, from extracting oil and natural gas, to manufacturing, to end of life processes as dumping in landfills, recycling, and incineration."

Economically, millions are spent to clean up stormdrains and beaches in cities of similar size. Sustainable Coastline Hawaii in 2019 alone has already accrued over \$150,000 in volunteer hours on just beach cleanups.

It is my hope that a specific, timely, and measurable solution to this growing epidemic be

prioritized, before it is too late. Please, pass Bill 40 for today and for the kind of tomorrow that will sustain us now and for future generations to come.

Testimony

Attachment

Accept Terms and
Agreement 1

IP: 192.168.200.67

Ray Aivazian III
53-908A Kamehameha Hwy
Hauula, HI 96734
(951) 264-6999

Thursday August 29, 2019.

In support of Bill 40

To whom it may concern:

My name is Ray Aivazian III and I am submitting written testimony in support of Bill 40. I am a prior United States Marine Corps, Combat Engineer, who served on active duty from 2009-2017. I came to Oahu in 2013 and was stationed at Marine Corps Base Kaneohe. In 2017, I resigned and was honorably discharged as a Sergeant of Marines. Upon release I immediately immersed myself in furthering my education at Windward Community College in pursuit of a degree in Global Environmental Science. It was here that I found a passion in education and giving back to others and the land.

Becoming more involved within the community and its people, I started to learn and realize certain negative changes that were happening not only on our island but globally. Being an avid free-diver and spearfisherman since 2013, I witnessed in the short time I had been here a rapid decline in the life of our coral reefs and the absence of certain aquatic species in some of my most cherished places. Diving deeper into the issue I learned of the damaging affects plastic pollution was having on our environment, ecosystem and future. It was then that I began to fully take notice on the increasing amount of synthetic marine debris that persisted in washing upon our shores.

I noticed that after conducting a beach cleanup there was still a significant amount of microplastics that were being left behind. This was due to the fact that the screens or sieves being used were only capable of capturing the particles that were larger than the mesh size. A smaller mesh cannot be used as it would then be capturing the sand, coral and rocks. We needed to find a way to remove these microplastic particles due to the fact that the smaller they become the more detrimental they became to virtually everything.

A lengthy and comprehensive research project was conducted by Dr. Sarah Jean Royer at the University of Hawaii at Manoa and several others at Hawaii Pacific University's, Center for Marine Debris Research. Through her project she discovered that plastic particles when exposed to ultraviolet rays were photodegrading and emitting methane gas. Methane gas is roughly thirty times more potent as a greenhouse gas than carbon dioxide. As plastic breaks apart into smaller particles its surface area increases in turn increasing the amount of methane gas released.

With the increase of greenhouse gas emissions and the warming of our ocean, a decrease in the oceans PH levels occurs causing rise to ocean acidification. As the ocean becomes more acidic it causes a decrease in the production of carbonate ions. The oceans carbonate ions play a vital role in the production of coral skeletons and seashells. Everything from sea urchins, clams, oysters, deep and shallow coral, plankton and pteropod to name a few are being affected. When a species on the micro level is negatively impacted it ripples and causes unforeseen damages up the food chain back to us. Now

also add into the fact that these and many other organisms have been found with microplastic particles in their gastrointestinal systems and the damage is only amplified.

A separate report conducted by Dr. Pete Myers showed that buoyant synthetic polymers were absorbing and adsorbing different persistent organic pollutants (POPs) at a rate of nearly one-million times that of ambient sea water with polystyrene foam being the worst. POPs are highly toxic to humans and wildlife due to their ability to bio-accumulate in the food chain. POPs specific health effects include but are not limited to disruption of the immune system, reproductive disorders, central and peripheral nervous system damages, hypersensitivity, allergies and cancer. Currently there are 26 regulated POPs that come from a large variety of pesticides/insecticides, industrial chemical production and other unintentional biproducts. Some of these chemicals continue to be produced and leached into our waterways polluting everything in its path. Again, as plastic particles break apart into smaller pieces their surface area increases thus increasing the amount of POPs that are capable of accumulating on a single piece. Those pieces are then ingested by different aquatic or avian species or is brought upon an unsuspecting shoreline.

As this marine debris washes upon our shores it brings with it these toxic chemicals. It then breaks apart into smaller pieces from the friction caused by the ocean, reefs, beaches and people walking across it. The POPs can then be dermally absorbed, inhaled or ingested by us and a magnitude of other life forms. If it is in an area where it is not being removed or can't be removed due to its size, it then continues to release methane gas which has been directly correlated to increasing atmospheric and oceanic temperatures.

Record-high temperatures have been increasing in the US for the past decade and have been occurring twice as much as record lows. These irrefutable facts reflect the current climate crisis we are all experiencing. As temperatures continue to increase, the warmth of our oceans continues as well. As our oceans temperature continually increases, the water thermally expands. As the water expands, it rises in sea level elevation. As our sea levels rise, our beaches and shores shrink and erode away. Here in Hawaii coastal erosion is something we cannot ignore or deny as we are seeing the direct effects impacting our homes in Pupukea, Lanikai and several other locations.

There are countless other scientific reports that have been conducted showing the damages synthetic polymers are causing to our world and its life forms but I hope this paints a clear enough picture. I state this information not only to enlighten you and others, but to terrify and mortify you into doing something about it. Actions need to be taken now. Not just for the impact it will have on our environment and ecosystem but for the future we hope to give to ourselves and our decedents. Our health and safety have been and are in jeopardy and we need your help. It is your responsibility to be the voice of the people, not the corporations, and to ensure that actions are taken to move Bill 40 forward so we may phase out single use plastic products here on Oahu. While this Bill will not solve these problems it will help bring us one step closer in remediating the damages that have been caused by setting the example for others.

As tax paying citizens it is not our responsibility to pick up the waste that is polluting this land or to inform the people on the harms that it is causing but we will continue to do so. We will continue to sacrifice our time, our energy and our own money until our voices are heard loud enough and real changes are made. Clean ups are not the answer to this problem as it will only continue to persevere, so something has to be done. The time for talking needs to be over and actions need to be taken. Like the countless other inspirational individuals before me, I was tired of seeing the problem and hearing people talk about it. So I too chose to take action.

I have created a device that is capable of removing microplastic particles less than 63 microns from our beaches. That's smaller than the cross section of a human hair and comparably the human eye can only see down to 40 microns. The device is extremely simplistic in design and can be replicated by anyone in the world. It is made out of parts that can be purchased from any hardware store or online and is effective and efficient at removing synthetic marine debris from any beach. I did not wish to give it a name and make people feel as though they were restricted from replicating it so I gave it a nomenclature. It is called a Buoyancy Separation Device or a BSD.

This pollution that continues to wash upon our shores came from different parts of the world due to our neglect but also because it is buoyant. We can therefore float out this marine debris and remove these microplastic particles from our shores. I made this simple connection and created the BSD so it circulates ocean water through it and separates the dense coral, rocks and sand from the buoyant marine debris.

When we use buoyancy to remove this material we are also capturing the sticks, wood, leaves and other buoyant natural debris. Not wanting to take this material away from the land and have it end up in the waste stream I pondered on a method that could be utilized to separate the natural and synthetic debris. After further contemplating a few things I discovered a completely new method that had never been utilized before. If you take this mixture of natural and synthetic debris and submerge it in water, in a vacuum chamber, in relatively no time an extremely effective separation can be achieved.

As the material is submerged underwater and a full vacuum applied, the air is removed from the chamber and also from within the pockets and cells of natural debris. Since the material is submerged under water, as the air is removed from this debris, water is then forced into its place. When the vacuum is released the natural material is now waterlogged and sinks to the bottom while the synthetic plastic debris remains floating on the top. I like to refer to it as a trash time machine as what is happening in this chamber is we are speeding up the process of what would happen over a much longer period of time in nature. I instead have chosen to call it a Debris Separation Chamber or DSC and it is also a method anyone can replicate.

Realizing the potential of my invention and discovery, in Spring 2019 I created two separate independent studies. One study looking at the accumulation of shoreline marine debris at James Campbell National Wildlife Refuge in Kahuku and Marine Corps Base Kaneohe. The other study was on the separation of natural and synthetic debris. Through these two independent studies I created a single project proposal and was recognized in Maui by being given the University of Hawaii's, Maynard Sherwood award. This award is given to the Marine Option Program (MOP) student whose project has the largest oceanic impact.

From there I continued my research over the summer at James Campbell and was asked to become a part of the Center for Marine Debris Researches team. Here we are looking towards further legitimizing the effectiveness of these methods by using different forms of technology to quantify the type of debris that is being captured. Through my methods we are able to observe and quantify microplastic particles that were never thought possible to be removed or observed. I am still conducting my research but preliminary results are showing that Kahuku's is receiving several magnitudes more in microplastic debris than any other studied location in the world.

The BSD and DSC are extremely comprehensive by all age groups. I have done countless cleanups with this device and have given several educational talks with different schools and clubs on Island. What these methods do is they make the unseen visible and give you something tangible you can relate to. I am further working towards implementing this in a larger shoreline accumulation study that

includes different schools, clubs and organizations in Hawaii. In this way we can further help our land while also adding to the growing data base of shoreline marine debris trends.

I do not express this information with the intent of bragging but to hopefully validate to you and others the information that I have expressed in this testimony. As we continue to educate the public and these methods spread, so will the awareness on the reality of Hawaii's marine debris problem. We can either be at the forefront and show others the way, or we can choose to continue using this negative synthetic material because it is convenient.

With Hawaii being one of the worlds largest tourist destinations we can set the example for others to follow. We can show people from all over the world the damages that are being caused to our land, waters and its life. We can also show them that we can change the things we have done by reducing and removing it from the source. Behavioral change is what's required and we can assist in helping others understand the negative impacts their actions are having not only to their land but to the entire world. While us alone removing single use plastic products is not going to solve the problem, it is the start of something very monumentous that is already in motion.

Please, do not allow the people to suffer. Please, do not allow the people and future generations to pay. Do not allow this beautiful and sacred land to continue to decline when can start taking actions now. The time for talk for talk is over. We need to act now.

Respectfully

-Ray Aivazian III

From: CLK Council Info
Sent: Tuesday, September 03, 2019 9:29 AM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Joy Bitonio
Phone 8183552824
Email aloha@alohaspreader.com
Meeting Date 09-04-2019
Council/PH Committee PublicSafety
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

As a concerned member of the community that has seen first hand the devastating effects of plastics on our lands, waters, and ourselves, I am urging the City Council to pass Bill 40.

We live on an island, isolated from the rest of the mainland on a beautiful and fragile island that is under siege from the omnipresent plastic and styrofoam so grossly used by businesses that serve not just the local community, but the over 9.4 million visitors and growing year over year (source: <https://www.hawaiiitourismauthority.org/media/2766/2017-annual-visitor-research-report.pdf>).

Written
Testimony

This island and our planet can no longer sustain under a single use, convenience lifestyle that we as a society have grown far too accustomed to. There is not a day that goes by that I do not see trash cans overflowing with plastic Starbucks cups and straws, people with plastic bags holding styrofoam plate lunches day after day on their lunch hours, plastic bottles littering our hiking trails, and micro plastics like confetti all over the coastline.

The presence of plastics in our food system and chemicals in styrofoam containers are a danger to public health and contribute to climate change. "Microplastics are not only toxic because of chemicals from manufacturing, but also because of the persistent organic pollutants they absorb from surrounding water. The toxins are not compostable or biodegradable and take up to 500 years to decompose.

A new study in the Journal of Environmental Science and Technology says it's possible that humans may be consuming anywhere from 39,000 to 52,000 microplastics particles per year.

Researchers from John Hopkins studied the impacts of eating seafood contaminated with microplastics and found that they could damage the immune system and upset the gut's balance. As a place with a culture centered around the ocean and dependence on the food it provides, not only are we endangering the natural environment and the wildlife that calls it home, we are compromising human life as well.

Aside from toxic effects on human health, plastics contribute to global greenhouse gas emissions...through the life cycle of plastic, from extracting oil and natural gas, to manufacturing, to end of life processes as dumping in landfills, recycling, and incineration."

It is my hope that a specific, timely, and measurable solution to this growing epidemic be prioritized, before it is too late. Please, pass Bill 40 for today and for the kind of tomorrow we can be proud of for future generations to come. Aloha 'aina!

Testimony
Attachment

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and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 9:16 AM
Subject: Public Safety and Welfare Speaker Registration/testimony

Speaker Registration/Testimony

Name Wynne Zhao
Phone 14253726258
Email wenni.zhao@gmail.com
Meeting Date 09-04-209y
Council/PH Committee PublicSafety
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written
Testimony

I am a resident of Makiki and I strongly support bill 40, and would like to see stronger language and a greater scope included in the definition of plastic. All my life, I have committed myself to learning as much as possible about global issues and changing my lifestyle to align my personal values as closely as possible. I switched my diet, I've changed the way I travel, I have lost and gained friends, I have spent hundreds of dollars seeking out businesses and products that are exclusively eco friendly, changing the products I pour down my drain, researching the companies I support, and been on a zero waste journey. I know not everyone does this, I CHOOSE to do this. But I am the civically engaged, active person that our world needs TODAY. Someone who leads through example, and isnt afraid to change. It's time for the city and county of honolulu to step up and do the same, to adapt quickly when the times call for it, to protect their citizens, figuratively and literally! The research and the numbers are clear: single use plastics are harming the environment, marine ecosystems and are a threat to public safety. Single use plastics cost tax payers millions of dollars each year, on top of millions of tons of carbon pollution emitted as well, which then feeds back into a SEPARATE millions of dollars spent on recovering the economic value of lost ecosystem services.

Why should I continue to commit my life to improving the welfare of myself, the community around me, and the generations to come, why should I continue to commit my money to supporting eco friendly businesses and products, why should I continue to volunteer hours upon hours of time restoring and cleaning beaches, if no matter what, on top of all of that, my taxpayer money is going to go to cleaning up this unnecessary mess?

Please, we need this right now more than ever. Everything we love and the systems we depend on - social and economic - rely on clean waters and beaches. 3 billion people around the world rely on the ocean for their livelihood. The future of HAWAII IS in jeopardy if we dont act now.

Testimony

Attachment

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IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 10:12 AM
Subject: Business, Economic Development and Tourism Speaker Registration/Testimony

Speaker Registration/Testimony

Name Michelle Whims
Phone 8083314800
Email w140mbr@costco.com
Meeting Date 09-03-2019
Council/PH Committee Business
Agenda Item Bill 40: Banning Plastic Straws, Plastic Utensils, Plastic Bags and Polystyrene Food Containers by Jan 2020
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No
Written Testimony I support Bill 40 to ban Plastic Straws, Plastic Utensils, Plastic Bags and Polystyrene Food Containers by Jan 2020.
Testimony Attachment
Accept Terms and Agreement 1

IP: 192.168.200.67

TO: COUNCIL MEMBERS OF THE CITY & COUNTY OF HONOLULU

FROM: DEBBIE LEE SOON

DATE: WEDNESDAY, SEPTEMBER 4TH

RE: Bill 40 RELATING TO PLASTIC

POSITION: STRONGLY OPPOSE

Council Members;

Thank you for the opportunity to submit testimony in opposition of Bill 40. I work in a local business that sells food across the state. Our food is sold both hot and cold so we use many different types of containers and packaging that can be held in various temperatures and can also be heated in a microwave oven.

Our company goal is to pursue sustainability and be environmentally friendly. Over the past year, we have been looking for suitable packaging made from recycled or biodegradable material. We have NOT been able to find any material that will hold up under the various temperatures that is clear enough to show the food inside. We have been searching sources in the US, Canada as well as Asia but there is nothing available at any cost.

If and when we find containers and utensils that will comply with this bill, the cost will be extremely high, possibly as much as 10 times higher than our current containers. The additional cost will be passed on to consumers for the weak, soggy and visually not appealing packaging.

I believe this bill is premature. The industry is not able to provide suitable material at this time. We are all working towards sustainability but technology will need a few more years to adapt. More research and development is needed.

Bill 40 creates a hardship for local businesses and will negatively impact all consumers with products that are impractical and cost more.

Thank you for your time and for your service.

Sincerely,

A handwritten signature in black ink that reads "Debbie Lee Soon". The signature is written in a cursive, flowing style.

Debbie Lee Soon

From: CLK Council Info
Sent: Tuesday, September 03, 2019 11:39 AM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name Maria Alfaro
Phone 845 235 7381
Email alfarom131@gmail.com
Meeting Date 09-04-2019
Council/PH Committee Council
Agenda Item BILL 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony I support this bill. It is about time we ban single use plastics, too much of it ends up in our oceans harming the wild life. For those who consume seafood, these microplastics are ending up in our diet and causing us harm as well.

Testimony Attachment
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IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 12:10 PM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name Chris Yankowski
Phone 8087992781
Email Chris@fffhawaii.com
Meeting Date 09-04-2019
Council/PH Committee Council
Agenda Item Bill 40
Your position on the matter Oppose
Representing Organization
Organization Triple F Distribution
Do you wish to speak at the hearing? No

Written Testimony

My name is Chris Yankowski President at Triple F Hawaii. We strongly oppose Bill 40 for the following reasons. We and our customers feel that it will hurt all the take out and grab and go restaurants in Hawaii. What will people eat with if you take away the utensils. Not everyone uses chopsticks or want to use them. These proposals seem to have little thought behind them before they are drafted. Hawaii Plate Lunch is a part of our culture, and this ban directly affects this great tradition of ours. I think it is great that the State wants to finally take a stand on waste even if they are 50 years behind the rest of the world. However why don't you start with a real recycling program that is mandated and supported by the state. We have no commercial facilities or composting facilities to speak of. Most mainland states have had programs in place for the last 20-25 years even in places like Albuquerque New Mexico. Yes we are way behind the times. We need to start with a state sponsored or public private partnership and grow from there. These half thought out Bills only divide the community and provide no solution. One thing that upsets me the most. The hawaii consumer is the one who continually has to take it in the pocketbook. All of the recent proposals just add more burden to an already cash strapped public. The hawaiian people deserve better than just raising prices for eco products and raising their taxes to support weak programs. Please consider the consumer who is fighting to keep their household above water.

Respectfully,
Chris Yankowski
Triple F

Testimony
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and Agreement 1

IP: 192.168.200.67



Honolulu County Council
September 4, 2019
Bill 40: Testimony in Support

Aloha Members of the Honolulu County Council,

My name is Doorae Shin and I am submitting testimony in strong support of Bill 40 on behalf of the Surfrider Foundation O'ahu Chapter and our 400 members who live across our island.

I first want to thank you for already passing important bills such as the plastic bag ordinances, in which Hawaii became the first state in the nation to ban plastic bags, with California following suit soon after.

The passage of Bill 40 is an issue that is long overdue. One of the first proposals to phase-out polystyrene foam containers was introduced in 1989 – 30 years ago. For over the last decade, similar bills have been introduced at the County and State levels, and every year, these bills fail to pass. We find the same small # of special interests opposing any reduction of these harmful single-use plastic materials, while hundreds and hundreds of your constituents, business owners, and youth nearly unanimously supporting a phase-out of single-use plastics. There comes a time when public interest must outweigh special interest.

The key points to consider are these:

1. Single-use plastics, by their nature, are unnecessary. They are purely a convenience item that our parents and grandparents largely lived without.
2. These plastic items are made from petroleum and hundreds of other chemicals and additives which pose a threat to human health. [Information on the relationship between plastic and human health can be found here.](#)
3. For restaurants who find undue financial hardship from the passage of this bill, there exists a financial hardship exemption written into Bill 40 that they can receive.
4. Nearly every food establishment buys their foodservice disposable items from a major distributor such as Triple F, Hansen, HFM, Malolo, KYD, Sustainable Island Products, Chef Zone, etc. And every single major distributor offers a variety of alternatives to single-use plastic. These alternatives could include paper, certified compostable, bamboo, palm leaf, and many other items.
5. For every single plastic or foam item, there exists an equivalent alternative made from different materials. You can find the vast availability of these alternatives at

worldcentric.org, which is a company that specializes in these products. These alternatives have reached a high quality that improves every year. Similarly, the price for these alternatives continue to drop and will do so dramatically when a regulation like Bill 40 is approved.

6. Given that nearly all of O'ahu's trash and plastic is currently burned at H-Power for energy, and given that plastic and foam burns too fast and hot for desirable processing, plastic free alternatives provide a more desirable option for H-Power due to their burning slow and steady. Plastic free alternatives also tend to produce more energy. For example, a compostable clamshell produces 1.76 times more energy than an equivalent foam clamshell, due to the material and volume of the different containers.
7. We have an incredibly serious kuleana to prevent more harm from being inflicted on our land, ocean, and wildlife. The climate crisis we face today is dire, and we must continue to take steadfast actions like this to reduce the negative impacts that our actions have on our environment. We must ensure we are no longer stealing from our kids' future, especially for something like single-use plastic, which only serve our desire for short-term convenience.
8. As in all changes in history, the economy will shift with the latest laws. Our local economy will transition towards more sustainable and healthy alternatives as our laws shift to align with our values.

We also represent 53 [Ocean Friendly Restaurants](#), which are all food establishments on O'ahu that have effectively reduced or eliminated single-use plastics from their restaurants. Many of these have used plastic free alternatives for several years for hot foods, frozen foods, and more, with no complaints about quality or leakage.

Criteria to be an Ocean Friendly Restaurant:

Mandatory Criteria:

1. No Polystyrene Foam
2. Only reusable tableware is used for on site dining.
3. No plastic bags offered
4. Plastic straws provided only upon request and/or only paper/compostable straws are offered
5. Proper recycling practices are followed.

Optional Criteria (meet a minimum of two):

1. No beverages are sold in plastic bottles
2. Discount offered to customers with reusable cup, mug, bag, etc
3. Vegetarian/vegan food options are offered on a regular basis
4. All seafood must be a "Best choice" or "good alternative" as defined by Seafood Watch or certified as sustainable
5. Water conservation efforts such as low-flow faucets and toilets.
6. Energy efficiency efforts such as LED lighting and energy star appliances

Full List of Ocean Friendly Restaurants on O'

1. Aloha Beer Company
2. Bevy
3. Kahala Resort - The Veranda
4. Morning Brew Cafe Kaka'ako
5. Outrigger Reef - The Reef Bar & Market Grille
6. Outrigger Reef - Kani Ka Pila Grille
7. Pint & Jigger
8. The Nook Neighborhood Bistro
9. 12th Ave Grill
10. Aged Artisans DBA Square Barrels
11. Ali'i Coffee
12. Banan
13. Banzai Sushi Bar
14. Barefoot Beach Cafe
15. Cafe Kaila
16. Cheeseburger Beachwalk
17. Cheeseburger in Paradise
18. Cheeseburger Waikiki
19. Coffee Shop 831
20. Duke's Waikiki
21. Encore Saloon
22. Farm to Barn Cafe & Juicery
23. Fete
24. Hau Tree Lanai Restaurant
25. Herringbone Waikiki
26. HiBlend - Wahiawa
27. HiBlend Health Bar & Cafe - Keeaumoku
28. Hideout at the Laylow
29. Highway Inn Kaka'ako
30. Hiking Hawaii Cafe
31. Hula Grill Waikiki
32. Kahala Resort - Hoku
33. Kahala Resort - Plumeria Beach House
34. Kahala Resort - Seaside Grill
35. Kalapawai Cafe & Deli
36. Koko Head Cafe
37. Kona Brewing Company - Oahu
38. Lanikai Brewing Co, Tap & Barrel
39. Leahi Health (Kaimuki)
40. Lulu's Waikiki
41. Makana Ranch House
42. Merrimans

43. Moku Kitchen
44. Peace Cafe
45. Pioneer Saloon at Kaka'ako
46. Stewbum & Stonewall Brewing Co
47. Kaimuki Superette
48. Mud Hen Water
49. Town
50. Umeke Market
51. Waikiki Brewing Co - Kaka'ako Pub
52. Waikiki Brewing Co - Waikiki Pub
53. What it Dough

In addition to those 53 Ocean Friendly Restaurants, we have 47 additional restaurants on O'ahu we have verified to be foam free ([list available here](#)), with hundreds more across the island. These are all restaurants in our communities who have made the switch voluntarily, and who have found great success and community support in doing so. By passing Bill 40, O'ahu can follow the lead of dozens of other cities who are reducing their consumption of single-use plastics and supporting healthier, more sustainable options.

In closing, Surfrider Oahu Chapter, along with our thousands of local volunteers, members, and supporters, urge you to pass Bill 40. It is one important step towards a vision of a future that takes care of people, the environment, and that encourages better alternatives. We truly appreciate and commend you for considering this important issue.

Mahalo nui loa,
Doorae Shin
Surfrider Foundation
O'ahu Chapter Coordinator

From: CLK Council Info
Sent: Tuesday, September 03, 2019 12:21 PM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name Mark
Phone 808-342-7777
Email thehibachihawaii@gmail.com
Meeting Date 09-04-2019
Council/PH Council
Committee
Agenda Item Bill 40
Your position Oppose
on the matter
Representing Organization
Organization The Hibachi Restaurant
Do you wish
to speak at No
the hearing?

Honolulu Council members,

My name is Mark Ushijima and I am a partner in the Hibachi Kailua. I am strongly against a ban on plastic materials and styrofoam containers in Hawaii. This will truly impact the small businesses in Hawaii. We already have high overhead costs (labor, electricity, taxes, fees, lease rent, etc...) that adding to our cost of goods would be very detrimental.

Since there are no reusable alternative food containers, the ban will only change the material of the container, and that substitute container will become litter. Customers sometimes bring in personal reusable containers but many do not know that is against the law due to safety and hygiene reasons.

Written
Testimony

State legislators should review the Honolulu City Auditor's Study (which I participated in) about Single Use Polystyrene Food Containers and Plastic Bags. http://www.honolulu.gov/rep/site/oca/oca_docs/PS_Ban_Study_Final_Report.pdf

The City Auditor finds that the majority of litter observed was miscellaneous items, and food service items mainly of non-polystyrene material that would remain unaffected by a ban.

The City Auditor came to my restaurant to talk about this issue and try to understand how it would affect small restaurants like mine. I invite you to do the same. You are welcome to come and meet with me and talk about these issues at my restaurant. Unfortunately, I am not able to leave my restaurant while we

are open and come and speak to you in-person.

Please do not pass this law. Not only will it affect the business owners but it will also affect the employees who work tirelessly for higher wages as well as the customers who will be forced to pay higher prices.

Sincerely,
Mark Ushijima
The Hibachi
515 Kailua Road Kailua, HI 96734

Testimony
Attachment
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Agreement

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 12:41 PM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name Ben Tamamoto
Phone 808-778-9618
Email Btama642@hotmail.com
Meeting Date 09-04-2019
Council/PH Committee Council
Agenda Item Bill 40
Your position on the matter Oppose
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony Please do not add to the cost of living to the people of Hawaii. The net effect of this type of ban is virtually nothing and does not address the underlying issue. Mainly, that people aren't throwing away their trash like they should.

All you are doing is forcing more people to leave Hawaii because of the already high cost of living.

Testimony
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IP: 192.168.200.67

From the depths of the Mariana Trench to the salt on our tables, plastic pollution has infiltrated our planet. Plastic is a material designed to be "thrown away" without considering the fact that "away" does not exist. Due to this fundamental design flaw, over 270 species of mammals, reptiles and fish, many of which are rare and endangered, have been harmed by plastic in some way. Wildlife become entangled in large plastic debris, potentially leading to suffocation, drowning and eventual death from hunger. The ingestion of plastics results in internal abrasions and blockages that impair sexual activity and immune systems in wildlife and may lead to death. As a further complication, microplastics (plastics broken down into small pieces) are passed up the food web, affecting all levels of an ecosystem and even finding their way onto our dinner tables.

In Hawai'i, plastic pollution inundates our beaches and harms not only their inherent beauty but also the animals that call those places home.

With bill 40, we would move one step in the right direction with the goal of tackling our plastic problem and we would set an example for other cities around the country and maybe even the world. Why should tax-paying citizens bear the financial burden of the decisions of businesses around the state? To phase out the plastics mentioned in this bill would have incredible economic impacts. For example, the Department of Transportation, which spends millions of dollars a year in cleaning up storm drains, recommended that the use of plastic bags and cutlery should be banned to avoid this huge cost on tax payers. Private businesses are making immeasurable profits and while citizens are paying not only for their products but to clean up the waste their products leave behind. I don't see how that makes any sense. They should be held responsible for the materials they put out into the environment.

I hope that you please consider the public health, environmental, and economic impacts passing this bill would have in our city.

Thank you for your time.

Name
Phone
Email

Valentina Alvarez
9546624994
valu.alv@gmail.com

R

TO: THE HONORABLE CITY COUNCIL
FROM: SHIRO'S SAIMIN HAVEN
DATE: Tuesday, September 3, 2019
SUBJECT: AGAINST BILL 40

Aloha Honorable City Council Members,

My name is Bryce Fujimoto and I am the VP for Shiro's Saimin Haven. I have been with the company for over 20 years now, but have also worked at various other foodservice establishments throughout the years. Put simply it is tough to run a small business in Hawaii. We are hit with high costs across the board, labor shortages and everything in between. We are against the ban of single use plastic and foam products because of 2 basic reasons – the high cost and safety concerns of green products currently available.

At Shiro's we strive to provide good food at a reasonable price to the general public. We prepare the majority of our items in-house to not only improve quality but also to keep costs down. We have been looking into green or compostable products for about 5 years now. All of the green substitute containers are on average 2-3 time more expensive than what we are using. The cost of replacing the containers and single use items with green ones will force us to raise our prices. Once we raise prices it will be difficult for us to keep our niche of an affordable place to eat. What makes this switch even less palatable is that there is no where on the islands where we can process these compostable products - everything will end up at H-power.

The other reason is that we are very concerned about the safety of our customers. We are known for our Saimin. We sell 50-100 orders of piping hot Saimin at our takeout window. All of the green products that we have tested do not retain heat the way that foam does. The ones that come close do not keep the integrity of the container and essentially collapse because of the heat. Other options that we have tried have issues with the lid. I personally have tested each green substitute by driving up and down Kamehameha Hwy. with a takeout Saimin. Each test failed because hot dashi (soup base) spilled out of the top, or side, or at worst the entire container collapsed into a crumpled mess. Keep in mind that this was just a short 10-20 minute drive. Can you imagine the safety issues if someone tries to travel for a longer period of time with hot dashi in a subpar container?

We at Shiro's care about the environment. We have been doing our part for a very long time to reduce waste, and to recycle any and everything possible in the restaurant. We are also in the process of switching out our plastic utensils and plate lunch containers to green options. We do not have a viable solution for our 8, 16, 24 and 32 ounce squat containers. We are trying our best to weigh all options. Right now safety concerns and maintaining our niche as an affordable eatery are the issues that we have with the single-use plastic and foam ban at hand.

Mahalo,

Bryce Fujimoto
#(808)488-8824
shiroscatering@gmail.com

From: CLK Council Info
Sent: Tuesday, September 03, 2019 11:50 AM
Subject: Business, Economic Development and Tourism Speaker Registration/Testimony

Speaker Registration/Testimony

Name Thomas Jones
Phone 8082264866
Email tomjones@reihawaii.com
Meeting Date 09-04-2019
Council/PH Committee Business
Agenda Item Bill 40
Your position on the matter Oppose
Representing Organization
Organization Gyotaku Restaurant
Do you wish to speak at the hearing? No

The state legislature has a task force working on this very complicated problem. Give them time to work on a comprehensive solution.

Right now there are not enough composting projects to ensure that recyclable content will not end up at HPower the same as plastics. Besides restaurant take out plastic and styro based products there is plastic and foam everywhere.

Written Testimony Composted materials also give off methane and other green house gases.

We need a true solution to this problem. Believe me, I'd love to get rid of the plastic and foam. But when I look around. It's everywhere and we've got to figure out how to deal with all of it.

Tom Jones
Owner
Gyotaku Restaurants

Testimony
Attachment

Accept Terms and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 1:49 PM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name	brendon
Phone	808-295-1482
Email	bkyamada@gmail.com
Meeting Date	09-04-2019
Council/PH Committee	Council
Agenda Item	bill40
Your position on the matter	Oppose
Representing	Self
Organization	
Do you wish to speak at the hearing?	No
Written Testimony	
Testimony Attachment	
Accept Terms and Agreement	1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 3:02 PM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name Eric Wong
Phone 8083710016
Email locomocoewa@gmail.com
Meeting Date 09-04-2019
Council/PH Committee Council
Agenda Item Oppose Bill 40
Your position on the matter Oppose
Representing Organization
Organization Wiki Wiki Drive Inn - Waterfront Plaza
Do you wish to speak at the hearing? No

What really worries mom-and-pop restaurants is that the polystyrene foam food service ban would double or triple the price we pay for take out containers. This could add up to thousands of dollars per year, and could prove to be the straw that broke the camel's back for many small businesses.

I own and operate two take-out lunch counters here in Oahu. We have been in business nearly 25 years supporting our families and our 10 employees.

Written Testimony

Many of our customers know us as an affordable spot for 'plate lunch'. We hardly see sit-down dining as much as our take-out, so using the right to-go containers is important to us.

First off, local restaurants use polystyrene foam containers because nothing works better to keep hot food hot and cold food cold. We are proud of the meals we serve, and we want customers to really enjoy their food. Nothing else keeps meals warm and appetizing like polystyrene foam, and customers

appreciate that.

Also, nothing else keeps its shape when food gets "piled on." Hawaii has a lot of heavy dishes with rice plus big portions of hot, moist food on top and I for one like to fill up my customers. I must be careful to only serve big portions into containers that can handle it. Otherwise, no can do – the food ends up all over the place and no one is happy.

I've talk to many of my fellow small, family oriented 'mom and pop' restaurants that have a hard time keeping our prices affordable. I hear a lot about rents always rising, and the cost of ingredients seeming to increase every time an order gets placed. The hurdles get higher and higher every year. We are not corporate restaurants with deep pockets. Instead, we are the small, personable, flavorful restaurants that make Hawaii what it is, a place where people can enjoy different flavors from many cultures.

Thank you for your consideration.

Testimony Attachment
Accept Terms and
Agreement

1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 3:31 PM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name	June
Phone	6263186313
Email	june.celica@gmail.com
Meeting Date	09-04-2019
Council/PH Committee	Council
Agenda Item	Bill 40
Your position on the matter	Support
Representing	Self
Organization	
Do you wish to speak at the hearing?	No
Written Testimony	
Testimony Attachment	
Accept Terms and Agreement	1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 3:33 PM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name Jenna Tanner
Phone 8087989635
Email jenna.l.tanner@gmail.com
Meeting Date 09-04-2019
Council/PH Committee Council
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Aloha,

My name is Jenna and I'm writing to express my support for Bill 40 banning the use of various single use plastics.

As an avid freediver I see firsthand how ubiquitous plastics are in our oceans. The majority of the plastic bags that we too often find floating in the ocean are from restaurants and stores that offer takeout or prepared foods. Plastic bags kill our precious marine life. Sea turtles mistake them for food and die. Whales are washing up dead with stomachs full of plastic bags. We need to stop using these bags completely.

Written
Testimony

Plastic silverware is the next most common plastic debris I see underwater. Plastics like these break down into smaller and smaller pieces that are mistaken as food by fish and birds. Much of the plastics end up as microplastics, turning our ocean into a soup of plastic confetti. We can now find microplastics everywhere. They're in the air on top of mountains and hiding in your sea salt. These plastics leach chemicals into our environment, our water, our food and our bodies. We have no idea what the long term effects of plastic consumption and chemical absorption will be on us. Banning the use of single use plastics is one of the best steps we can take to reduce the amount of plastics in our environment.

Mahalo,
Jenna Tanner

Testimony
Attachment
Accept Terms
and Agreement 1

IP: 192.168.200.67

From: CLK Council Info
Sent: Tuesday, September 03, 2019 3:41 PM
Subject: Council/Public Hearing Speaker Registration/Testimony

Speaker Registration/Testimony

Name Kelly Darling
Phone 808.859.9858
Email kellyhdarling@gmail.com
Meeting Date 09-04-2019
Council/PH Committee Council
Agenda Item Bill 40
Your position on the matter Support
Representing Self
Organization
Do you wish to speak at the hearing? No

Written Testimony I support Bill 40. Ban single use plastics and foam. Visitors don't like dirty beaches. Locals don't like dirty beaches. Investing in, allowing the sale of or importing single use plastics and foams is a bad investment in our economy and a bad investment in our future.

Testimony Attachment

Accept Terms and Agreement 1

IP: 192.168.200.67